



Bob Heile
<bheile@ieee.org>

02/23/2006 12:19 PM

To j.haasz@ieee.org, Bob Heile <bheile@ieee.org>

cc k.kenney@ieee.org, p.nikolich@ieee.org, steve_mills@hp.com

bcc

Subject Re: withdrawal of the 802.15.3a PAR

Jodi

In a nutshell---

The process was in total deadlock. There were two technology proposals on the table backed by two different industry alliances. One of them was willing to move forward with a joint proposal the other was not and had sufficient votes to block forward progress. The task group finally agreed to duke it out in the market place. The Working Group concurred. The technology faces significant regulatory hurdles in addition. This was not a factor in this decision but from a standards perspective it probably was and is too early to write a UWB standard given the regulatory and market uncertainty in the world market. If there is a surviving approach in a year or two and the technology has proven itself to be commercially viable, then we can come back and revisit whether it makes sense to create an IEEE standard. The working group passed this motion unanimously at its interim meeting in January. A quorum was present. This item is being conditionally submitted to NesCom for action pending an affirming vote by the 802 Executive Committee at the March Plenary meeting in Denver.

Bob

At 09:56 AM 2/23/2006 -0500, j.haasz@ieee.org wrote:

Dear Bob:

Definitely by tomorrow am (as the agenda will be going out tomorrow).

Thanks.

Jodi Haasz
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Standards Activities
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Bob Heile
<bheile@ieee.org>
rg> To
j.haasz@ieee.org, Bob Heile
02/23/2006 <bheile@ieee.org>
08:57 AM cc
k.kenney@ieee.org,
p.nikolich@ieee.org,
steve_mills@hp.com
Subject
Re: withdrawal of the 802.15.3a PAR

I will put something together. when do you need it?

At 10:18 AM 2/22/2006 -0500, j.haasz@ieee.org wrote:

Dear Bob:

NesCom is going to want to know why the PAR is being withdrawn. Can you give an explanation for the withdrawal request?

Best regards,

Jodi Haasz
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Bob Heile

<bheile@ieee.o
rg>
To j.haasz@ieee.org
02/17/2006
cc 12:04 PM steve_mills@hp.com,
p.nikolich@ieee.org,
k.kenney@ieee.org,
bheile@ieee.org
Subject withdrawal of the 802.15.3a PAR

Jodi

I would like to get the withdrawal of the 802.15.3a PAR on the NesCom Agenda for the March meeting. Action is conditional on 802 Executive Committee approval at the March Plenary in Denver. Let me know if you have any questions.

Bob

Bob Heile, Ph.D
Chairman, ZigBee Alliance

Chair, IEEE 802.15 Working Group on Wireless Personal Area Networks
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[Email This Letter](#)

13 May 2004

Paul Nikolich
18 Bishops Lane
Lynnfield, MA 01940
paul.nikolich@att.net

Re: P802.15.3a - Amendment to Standard for Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements - Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Higher Speed Physical Layer Extension for the High Rate Wireless Personal Area Networks (WPAN)

Dear Paul:

I am pleased to inform you that on 13 May 2004 the IEEE-SA Standards Board approved the above referenced project until 31 December 2006. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/802-15-3a.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 11 August 2004.

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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International Stds Programs and Governance
Standards Activities
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Email: j.haasz@ieee.org

cc: bheile@ieee.org

PAR FORM

PAR Status: Revision of Amendment

PAR Approval Date: 2004-05-13

PAR Signature Page on File: Yes

1. Assigned Project Number: 802.15.3a

2. Sponsor Date of Request: 2004-03-19

3. Type of Document: Standard for

4. Title of Document:

Draft: Amendment to Standard for Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements - Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Higher Speed Physical Layer Extension for the High Rate Wireless Personal Area Networks (WPAN)

5. Life Cycle: Full-Use

6. Type of Project:

6a. Is this an update to an existing PAR? Yes

If Yes: Indicated PAR number/approval date: 802.15.3a - 2002-12-11

If Yes: Is this Project in Ballot now? No

6b. The Project is a: Amendment to Std 802.15.3-2003

7. Working Group Information:

Name of Working Group: 802.15

Approximate Number of Expected Working Group Members:260

8. Contact information for Working Group Chair:

Name of Working Group Chair: Robert F Heile

Telephone: 781-929-4832 **FAX:**

Email: bheile@ieee.org

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:

Telephone: **FAX:**

Email:

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

Name of Sponsoring Society and Committee: Computer Society Local and Metropolitan Area Networks

Name of Sponsoring Committee Chair: Paul Nikolich

Telephone: 857-205-0050 **FAX:** 781-334-2255

Email: paul.nikolich@att.net

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:** 2005-04-01**12. Fill in Projected Completion Date for Submittal to RevCom:** 2005-07-15**Explanation for Modified PAR that completion date is being extended past the original four-year life of the PAR:****13. Scope of Proposed Project:**

From: This project will define an alternative PHY clause for a higher data rate amendment to standard 802.15.3. To: This project will define an alternative PHY clause, in the frequency range of up to 24GHz, for a higher data rate amendment to standard 802.15.3.

Is the completion of this document contingent upon the completion of another document? No**14. Purpose of Proposed Project:**

The intent of this project is to provide a standard for a low complexity, low cost, low power consumption alternate PHY for 802.15.3 (comparable to the goals for 802.15.3). The data rate will be high enough, 110 Mb/s or more (see 18a), to satisfy an evolutionary set of consumer multi-media industry needs for WPAN communications. The project will address the requirements to support multimedia data types in multiple compliant co-located systems and also coexistence (18b).

14a. Reason for the standardization project:

It is expected that as wireless video distribution and HDTV becomes more prevalent, higher data rates will be required to support the need.

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)**

The proposed modification limits the scope of the PAR to frequencies below 25GHz. This will permit parallel work on projects in the future at unlicensed frequencies at 60 GHz without conflict of scope. Former Item 18 notes in original PAR: 18a] The CFAs responses collected by study group 802.15.SG3a over the past several months indicate an evolutionary market developing for a group of applications that will not be addressed by 802.15.3. For example, high data

rates, at least 110 Mb/s, will be required for simultaneous time dependent applications such as multiple HDTV video streams without sacrificing the requirements for low complexity, low cost, and low power consumption. In addition to at least 110 Mbps data rate, additional data rates, both lower and higher, may be supported. 18b] It is in the best interest of users and the industry to strive for a level of coexistence with other wireless systems, especially those in similar market spaces. Coexistence requirements will be established in SG3a selection criteria against which the proposals will be evaluated.