

Fall AdCom 2007
August 2, 2007
IEEE EMBS Standards Committee Report
Carole C. Carey, Chair Standards Committee
Elliot Sloane, IEEE1073 liaison

Members Roster:

Robert Munzner, Secretary
Rory Cooper, ANSI/ISO Liaison
Steli Loznen, IEC/TC62 Liaison
John Prohodsky
Guy Hammer
Arthur Sherwood
Veronica Ivans
Yuan-ting Zhang
Todd Cooper

Background

All committee business is presently being conducted by E-mail representation, using a reflector list (EmbStdCom@ieee.org) on the IEEE server, teleconference or face-to-face meeting (when possible)

A public web site (http://www.ewh.ieee.org/soc/embs/embs_standards) is being maintained that lists standards and standards projects directly applicable to medical devices and the biological effects of energy. Bob Munzner is also our Webmaster that maintains the site.

The committee is maintaining liaison with ANSI, ISO/CEN/TC293, IEC/TC62, ISO/TC 150/SC 6 – IEC/SC 62D JWG1, AAMI, and the IEEE Standards Board. A report of significant IEEE Standards Board activities is provided to the EMBS President, to the Vice President for Publications and Technical Activities, and to the EMBS Standards Committee members on a regular basis via uploads to the EMBS Archives.

IEEE Staff liaison for EMB Society

Norma Davis contact information: 732-465-5867 or n.davis@ieee.org.

Meetings

No meetings were conducted during the period between the last report in April 2007 and to the present. We will try to schedule a teleconference in the next coming months.

EMB-Sponsored PAR 1708 Status Report

Standard for Wearable Cuffless Blood Pressure Measuring Devices

Working Group (WG) Chair: Y.T. Zhang

Approval Status: IEEE-SA NesCom approved December 2006. PAR is good until December 2010.

No activity reported from the working group at this time. Member list not yet available. However, the WG Chair previously reported that the WG was planning to hold a meeting in conjunction with the 4th EMBS Summer School on Medical Devices and Biosensors (ISSS-MDBS) to be held in Cambridge University, UK, August 19-22. We anticipate a more detailed report from WG Chair after the event.

There has been no further communications between IEEE and AAMI since AAMI sent a letter to IEEE requesting that a meeting between AAMI and IEEE relevant stakeholders. The purpose was to discuss whether there is a need for the IEEE project. AAMI believes that the scope of the project may duplicate or conflict with the scope of the following work: ANSI/AAMI SP10: 2002, Manual, electric, or automated sphygmomanometers.

During the April AdCom meeting in Seattle, Y.T. Zhang, Elliott Sloane and I had sidebar discussion to talk about the AAMI letter. The consensus was that we should proceed with the WG's effort. Yongmin indicated his willingness to support WG's effort if needed during the communication with AAMI.

Possible Collaboration between IEEE 11073 (Medical Device Communication), Todd Cooper et al. and IEEE 802.15 WPAN Study Group Medical Device Area Networks (SG - MBAN)

<http://www.ieee802.org/15/pub/SGmban.html>

The IEEE 802.15 Study Group MBAN will define a standard for short range, wireless communication in the vicinity of, or inside human body. It will use the frequency bands, approved by national medical and regulatory authorities.

It was brought to my attention by one of the 11073 members about the study group. I facilitated an e-mail communication to bring the two groups together and talk. A teleconference occurred on June 27 in which I participated. Todd Cooper, Bob Heile, Mark Schnell, Rick Cnossen, Jan Wittener, David Cypher, Joe Morrissey are in the loop. Arthur Astrin is the Chair of the IEEE 802.15 SG MBAN.

The teleconference was a good start to dialogue. A. Astrin mentioned that their SG did a study of 11073 activities. The participants in the call decided that there should be a liaison between 11073 and 802.15.

IEEE-SA Standards Board Meeting

I attended the June series meeting at IEEE headquarters in Piscataway.

Of note are the following:

- Revisions to the Bylaws and Ops Manual will be proposed and will be submitted to ProCom (Procedures Committee) for review at the September meeting.
- Some standards development groups and Sponsor have failed to submit the required yearly L-50S report (Financial). [Happy to note that EMB Society and its standard development groups (11073 and 1708) were compliant.] The SASB affirmatively voted the following actions for non-compliance:
 1. Standards development meetings of non-compliant groups are not duly authorized by IEEE including for the purposes of IEEE Bylaws I-300.3. (i.e., indemnification).
 2. No sponsor actions will be considered at the SASB or its sub-committees for non-compliant standards development groups or for of non-compliant Sponsors.
 3. All activities of standards development groups and Sponsors will be suspended effective at the September SASB meeting unless both the standards development group and its Sponsor are compliant.
- Copyright issues are not the responsibility of PatCom (Patent Committee)
- New NGSN Study Group (Next Generation Service Network project) -- [This tidbit may be of interest to our 11073 WG.]

The NGSN study group will develop an IEEE PAR for a project to standardize overlay network architecture for the lifecycle management of multiple, value-added collaborative, information and communication services, independent of transport networks. Following the presentation, the Standards Board expressed concerns -- that the service network architecture (scope) needs to be refined and the purpose statement needs to be made clear. They were urged to work cooperatively with the ITU-T (International Telecommunication Union) to achieve a harmonious conclusion to this work. It was announced that Jim Carlo has been appointed the NGSN Study Group Chair. The first meeting will be held in Shenzhen China on 1-3 August. The second potential meeting will be at the end of August in the New York/New Jersey area.

- The IEEE Standards Association (IEEE-SA) Standards Board has launched a new online Project Authorization Request (PAR) Form. The upgraded online PAR Form (https://development.standards.ieee.org/cgi-bin/NesCOM/myP_par?start) now leads you step-by-step through the PAR process with user-friendly instructions.
- I brought to the attention of IEEE staff about an opportunity for collaboration between 11073 WG and 802.15 WPAN SG MBAN (a study group on medical body area networks) to complement each other and avoid the possibility of duplication of work. Michael Kipness is the IEEE staff liaison for 802.xx under the Computer Society. Norma Davis is liaison for EMB activities. I also informed EMBS Exec Sec Laura Wolf.

Respectfully submitted,
Carole C. Carey
August 3, 2007