

IEEE 11073 Personal Health Devices work group update

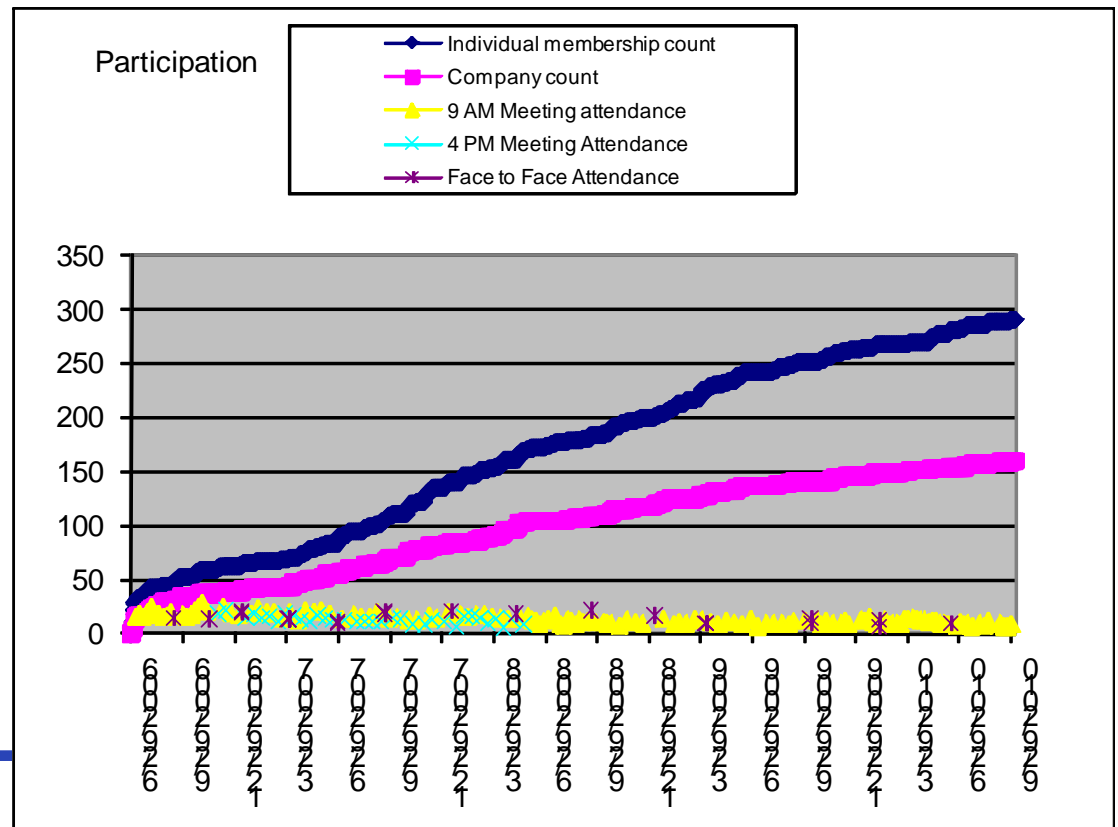
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Working Group Chair
October 5, 2010

Agenda

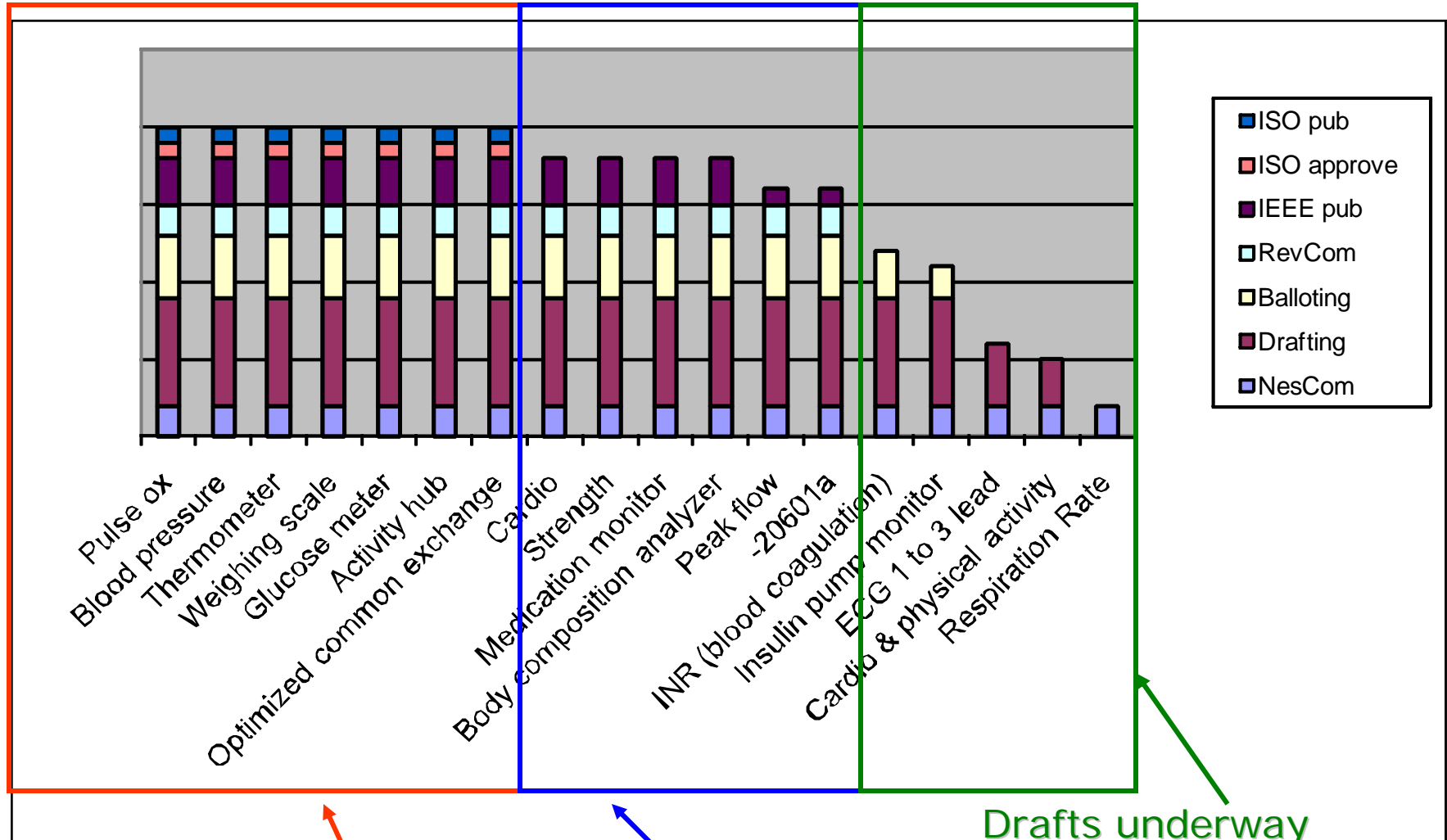
- Membership status
- Overview of Standards Progress
- ISO Status
- -20601a Status
- Device Specialization Status

Membership

- Grew from 277 to 291 members
- Grew from 153 to 160 organizations
- Weekly conference calls (for now)
- Face to face meetings planned every 2 – 4 months
- International involvement in the Work Group
 - 50% North America
 - 32 % Europe
 - 18% Far East



Progress of each standard



Approved and published IEEE stds

Drafts underway

Approved and published international standards

ISO Status

- Seven of the standards have achieved ISO publication status since the last update
- Five more are beginning the approval process

IEEE Std 11073-20601a (Optimized Data Exchange)

- The team completed drafting the amendment
- Then worked through 3 balloting rounds and 225 comments
- Final result was 100% approval of the amendment
- Approved by RevCom and SASB for publication
- Expect publication in late January '11

Device Specialization Status

IEEE P11073-10406 (Minimal ECG)

- Targeted for completion ~end of 2010, but that will be tight
- Separated out Respiration Rate into a new PAR
- Draft 3 has been released to PHD team
- Expecting to begin ballot group formation in the near future

IEEE P11073-10418 (INR)

- Recirculation 2 is underway
- Historically specializations often complete in 2 or 3 recirculations
- Likely to release to RevCom in near future

IEEE P11073-10419 (Insulin pump)

- Initial balloting completed
- Around half of the 250 comments have been resolved
- The lead author appears to be freeing up from other day job duties
- Hope to see renewed progress

IEEE Std 11073-10420 (Body composition analyzer)

- Completed and published by the IEEE in August

IEEE Std 11073-10421 (Peak flow)

- Balloting complete
- RevCom and SASB approved for publication in September '10
- Publication expected around end of December '10

IEEE P11073-10441

- Moved 3D accelerometer modeling work from -10443 (Physical activity monitor) into a revision of -10441 (Cardio)
- Lead author duties have changed in the company
- Work has slowed accordingly

-10441 (Cardio) & -10442 (Strength) Appeals

- The appeal panel met and provided a decision
- Summary:
 - The appellant did not meet the burden of establishing that the standard has a technical error, ambiguity, or omission on any account
 - The appeal panel agreed that the real-time use cases are useful and requested PARs be filed to change the standards to support near real-time.
- All parties are working together to determine how to accomplish the goals
- Plan is to meet at the next PHD F2F (Nov 2) to work out the remaining details and then file the appropriate PARs (either amendments to existing standards or new standards, as appropriate)

IEEE Std 11073-10472 (Medication monitor)

- The standard was approved by RevCom and SASB for publication
- The standard has been published by the IEEE

IEEE P11073-00103 (PHD Overview)

- This work has been re-energized
- Requesting a 1 year extension in the IEEE to complete it

Acknowledgement of a Great Team and Lots of Hard Work

- The IEEE 11073 Personal Health Devices Working Group was chosen by the IEEE-SA Awards Committee to receive the **2010 IEEE-SA Emerging Technology Award**
- This was possible due to the great foundation provided by the whole IEEE 11073 team
- Award ceremony December 5, 2010