

CABA Intelligent & Integrated Systems Council (IIBC)
Draft Meeting Minutes
Friday, August 6, 2010
11-12:30 pm ET
Conference Call

Present:

Roy Kolasa – Honeywell International (IIBC Chairman)
Steven Bushby – National Institute of Science & Technology (NIST)
David Katz – Sustainable Resource Management Inc.
Jiri Skopek – Jones Lang LaSalle (JLL)
Tim Kensok – AirAdvice, Inc.
Terry Hoffmann – Johnson Controls
Mark Cosyn – Colony Networks Inc.
Pete Lockhart – Anixter Inc.
Jessica Granderson – Lawrence Berkeley National Laboratory
Ken Wacks – Ken Wacks Associates
Fred Dougherty – Liberty Property Trust
Pete Bushy – National Institute of Science & Technology (NIST)
Rob Criser – TDIndustries Building Systems Integration
Joe Castle – Panduit Corp.
Kent Hoskins – Robinson Solutions
Mark Pasini - Marbek Resource Consultants Ltd.
Gil Rockwell – Tridium, Inc.
Marek Dziedzic – Public Works and Government Services Canada (PWGSC)
Tom Shircliff – Intelligent Buildings
Jim Sinopoli – Smart Buildings
Gina Elliott – Smart Buildings

1. Welcome and Opening Comments

Chairman, Roy Kolasa welcomed the IIBC members and guests to the meeting. The participants of the meeting introduced themselves.

2. Approval of Minutes

Motion: Moved by: David Katz; Seconded by Jiri Skopek

“That the minutes from the April 22, 2010 IIBC meeting be approved.”

CARRIED

3. Green and Sustainable Buildings Sub-Committee

3.1 Green Buildings Technology Alliance (GBTA)

Roy Kolosa explained that CABA along with BICSI International, InfoComm International, and the Telecommunications Industry Association (TIA) comprise the GBTA. Randy Storch, CABA IIBC ViceChairman, and Roy serve as CABA's representatives in the GBTA. It was recently reported that despite a concerted effort by InfoComm International to generate extra LEED credits in the scoring process, USGBC refused to change the scoring system. A meeting is being set by the GBTA to determine if there is any merit in continuing to have the GBTA work with USGBC as all efforts to get the LEED scoring system changed have been unsuccessful. Roy and Randy will continue to represent CABA in the GBTA and will report back any future action that the group will take.

3.2 ASHRAE Standard 189.1 Report

Pornsak Songkakul, from Siemens Industries, has been following the work of ASHRAE's STD 189.1. He was not able to attend the IIBC meeting, but provided this information for CABA and the industry:

ASHRAE Seeks Inclusion of Standard 189.1 in Federal Building Requirements

ASHRAE is attempting to get Standard 189.1, Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings, included in requirements for federal building design. ASHRAE Vice President Ross Montgomery recently testified at a U.S. Department of Energy (DOE) hearing on proposed rule making on energy efficiency and sustainable design standards for new federal buildings and major renovations of federal buildings. "From site location to energy use and recycling, this standard will set the foundation for green buildings through its adoption into local codes," he said. "ASHRAE strongly believes that Standard 189.1 can help meet many of the federal government's buildings needs."

Changes are being proposed for Standard 189.1 – Standard for the design of High-Performance Green Buildings Except Low-Rise Residential Buildings. Open for public comment are addenda a and b, which are available from ASHRAE.

3.3 Zero Energy Commercial Buildings Consortium

Tim Kensok, from AirAdvice, Inc., is one of CABA's official reps in the Consortium. He reported that some of the sub-groups were moving forward with some activity, but others were less active. There is still an opportunity for CABA members to get involved. Chris Larry, from Teng Solutions, also provided information for CABA members, which is attached with these IIBC minutes and can be viewed on the CABA web site in the IIBC section.

4. Facility Smart Grid Information Model

Steven Bushby, from NIST, was requested to provide an update on the Facility Smart Grid Information Model and the opportunity that exists for CABA members. The ASHRAE Board of Directors has approved the formation of a new standard project committee to develop a Facility Smart Grid Information Model standard in collaboration with NEMA. This is an outgrowth from discussions within the NIST PAP 10 process. The standard would apply in homes, commercial buildings and industrial facilities. Attached is a call for members issued July 6, which describes the scope of the proposed standard. Also attached are instructions for anyone interested in applying for membership on the project committee. All meetings of the committee are open, but the official voting members form the ANSI recognized consensus body. ASHRAE membership is NOT a requirement. An announcement containing information for anyone who is interested and has questions has been enclosed with these IIBC minutes. CABA members can subscribe to the SPC 201P Listserv by going to: <http://www.ashrae.org/publications/detail/16150>.

5. Building Intelligence Quotient (BiQ) Tool

David Katz and Jiri Skopek reported that Jones Lang LaSalle (JLL) is still negotiating with the BiQ Advisory Board to purchase the BiQ Tool. CABA has agreed to negotiate in good faith with JLL for a long-term relationship to co-market and promote the BiQ Tool. There are several suggested changes to the BiQ Tool and it was agreed that the BiQ Advisory Board should meet by conference call to review any proposed amendments. Mark Cosyn, from Colony Networks, volunteered to serve in the BiQ Advisory Board. It was also indicated that three (3) buildings had been selected for the inaugural BiQ Awards and the objective is to announce them at ASHRAE / AHR EXPO in Jan/2011. David Katz again reminded everyone that CABA members can receive one complimentary usage of the BiQ Tool and they should take advantage of this opportunity, by contacting the CABA office. More info on the BiQ Advisory Board and Tool can be found at: <http://www.caba.org/iibc/biq-steering-committee>

6. Task Force on Education and Training

Jim Sinopoli indicated that he had some further discussions with organizations that were providing training / certification related to intelligent buildings and integrated systems. However, funding is required to launch specific intelligent buildings training courses or certification. Several participants indicated that there may be funding for such an effort. David Katz indicated that there were several technical schools and universities (ie., Reading University in the U.K.) that offer specific courses and programs for IB. Ron Zimmer indicated that Ron Bernstein, from LonMark International, was working with a technical school in California that was proceeding with a specific IB course. Ron also indicated that CABA was prepared to create a section on the CABA web site with links to any educational institution or organization that offered training / certification related to IB. Jim agreed to follow up with these organizations and provide the information to CABA.

7. CABA Research Programs

John Hall, CABA Research Director, and Ron Zimmer provided an update on the new CABA Research Program. All CABA members will now be able to undertake collaborative research (3 or more organizations). There will be 10 research services that CABA will provide to members. In addition, CABA plans to continue undertaking one major research report (ie., Intelligent Buildings Market Sizing for North America) for the large building sector and one for the residential sector (ie., Connected Home Roadmap) each year.

7.1 IB Market Sizing for North America

This major study completed by CABA involved 26 organizations and the research was undertaken by BSRIA. It has gone through the embargo stage and can now be purchased in segments (ie., lighting, security, etc.) or as an entire report. See here for more details: <http://www.caba.org/market-size-2010>

7.2 Office of the Future

CABA is working closely with the New Buildings Institute on the “Office of the Future” research project. Eight (8) major utilities are undertaking pilot projects (approx. 24) involving integrated systems. These pilot projects will demonstrate that IB technology can reduce energy usage by a minimum of 25%. These utilities plan to announce major incentive programs with their commercial building customers once their Public Utility Commissions approve their programs. CABA can provide the eight (8) key utility contacts for this initiative to any CABA member that requests them. Secondly, PG&E and Sempra Energy are both seeking a facility in their geographic area for pilots. If a building developer / owner wants to participate with these utilities or a CABA member is working with a customer / building, please contact John Hall at 613.686.1814 x227, or hall@caba.org.

7.3 Intelligent Buildings Roadmap 2011

John was pleased to announce that 17 organizations had committed funding for the CABA Intelligent Buildings Roadmap 2011. The list of participating organizations are: Belimo Air Controls, Consolidated Edison Company of New York, Electric Power Research Institute (EPRI), Distech Controls, Inc., Echelon Corporation, Honeywell International, Ingersoll Rand/Trane/Schlage, Johnson Controls, Lawrence Berkeley National Laboratory, Natural Resources Canada, Ortronics/Watt Stopper/Legrand, Optimum Energy, Pacific Northwest National Laboratory/U.S. Department of Energy, Philips, Schneider Electric, Siemens Industry, Inc. and Sloan Monitored Systems. There is still an opportunity for organizations to participate in the project. Again, contact John Hall, CABA's Research Director, for more details. Frost & Sullivan have been contracted to do the research and Dr. Ken Wacks is the project manager. Info is attached.

8. Intelligent BMS and Cloud Computing

Mark Cosyn, from Colony Networks, discussed the importance of Intelligent BMS and Cloud Computing. Increasingly, building owners / developers / managers are going to be presented with technology that involves intelligent BMS and cloud computing. This will become increasingly pervasive in the enterprise networks, which are beginning to incorporate integrated systems. It was agreed that the CABA IIBC should determine if there is a role in assisting industry with definitions, specification writing, etc. Ron indicated that the Intelligent Buildings Roadmap Steering Committee and Frost & Sullivan should be made aware of this important area within IB. It may be an important aspect that could be included with their research for the IB Roadmap. Mark also agreed to contact several individuals after the meeting, such as David Katz, to determine if the BIQ Tool should be amended to include this emerging aspect of IB.

9. Other Business

It was agreed that the next IIBC meeting should be held in November and a "face to face" meeting should again be held during the ASHRAE / AHR Expo 2011. Meeting notices will go out in advance of these meetings. Ron indicated that in the future all CABA IIBC and CHC will be available on the CABA web site to the industry stakeholders. This should make it easier to access for CABA members and allow others to view the good work of the Council. Anyone that wants to post material for the IIBC on the CABA web site just needs to forward it to Ron Zimmer at (zimmer@caba.org). Finally, everyone was encouraged to join the CABA group in LinkedIn. There are now over 500 members worldwide exchanging information, posting jobs, and taking advantage of the group. In order to join the CABA group on LinkedIn, go to: <http://www.linkedin.com/companies/243881>.

10. The meeting was adjourned at 12:30 ET.

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