

CABA Intelligent & Integrated Buildings Council (IIBC)
Draft Meeting Minutes
Tuesday, January 24, 2012
3:30-5:30 PM CT
Hyatt Regency McCormick Place
Chicago, IL

Present:

Liz Jacobs, Siemens Industry, Inc. (IIBC Chair)

Russell Agrusa	ICONICS
Bill Archer	Frost & Sullivan
Mark Barry	Chicago Energy
Marc Brandt	Johnson Controls
Joe Briscoe	PLC Multipoint, Inc.
Susan Burek	Ingersoll Rand
Josh Carter	Triacta Power Technologies Inc.
Brian Casey	Honeywell International, Inc.
Keith Cook	Philips
Victor Coppola	Belimo Air Controls Inc.
Joe Custer	Daintree Networks
Bruce DeLong	ICONICS
Norm Dittmann	PLC Multipoint, Inc.
Andrew Eastwell	BSRIA Limited
Ivan Fluit	Priva Building Intelligence
Randal Froebelius	MaRS Discovery District
Ken Gallinger	CABA
David Gill	Distech Controls Inc.
Joe Gillespie	ARC Advisory Group
Rod Giltaca	YWire Technologies Inc.
Mark Grazier	Texas Instruments, Inc.
George Grimes	CABA
Michael Groppi	CB Richard Ellis
Oliver Gruner	ICONICS
John Hall	CABA
Mark Hansen	Triacta Power Technologies Inc.
Janet Hastey	Robert H. Lane & Associates Inc.
Jeff Herb	Setra Systems
Adam Hersh	Rinnai
Pedro Honduvilla	BSRIA Limited

David Howorka	RealView, LLC
Niall Jenkins	IMS Research
Chris Jones	Belimo Air Controls Inc.
Tim Kensok	AirAdvice, Inc.
Rawlson King	CABA
Gary Kohrt	ICONICS
Steven Lane	Armstrong
Robert Lane	Robert H. Lane & Associates Inc.
Michael Lavelle	Lavelle Energy
Tom Lohner	Teng & Associates, Inc.
Jason Mackinnon	ecobee
Dulka McLellan	CB Richard Ellis
Chris Minning	Johnson Controls
Martin Mohr	Shell International E&P Inc.
Marky Moore	Capital Review Group
Dave Muyres	Johnson Controls
Stephen Nardi	RealView, LLC
Maurice Okawaki	Frost & Sullivan
Melissa O'Mara	Schneider Electric
David Osborn	CoR Advisors
Marshal Pang	Johnson Controls
Marc Petock	Tridium, Inc.
John Petze	SkyFoundry
Darlene Pope	CoR Advisors
Rod Reese	Diebold, Incorporated
Keith Reller	Johnson Controls
William Rhodes	IMS Research
Ryan Rice	Arizon Companies
Daniel Rinehart	Honeywell International, Inc.
Tom Rosback	Honeywell International, Inc.
Cameron Saunders	Realcomm
Bill Shadid	Shadid MARKET(ing)
Inderpreet Shoker	ARC Advisory Group
Ken Sinclair	AutomatedBuildings.com
Todd Skjervold	Ingersoll Rand
Kyle Smith	YWire Technologies Inc.
Pornsak Songkakul	Siemens Industry, Inc.
Arno Spelt	Priva Building Intelligence
Brad Sweet	Rinnai
Omar Tabba	YWire Technologies Inc.
Tom Thomsen	PLC Multipoint, Inc.
Jeremy Towler	BSRIA Limited
Steve Whitaker	Continental Control Systems, LLC

Thomas Wieser	PaceControls, LLC
Tom Williams	BTR NETCOM, Inc.
Lisa Woods	Realcomm
Cindy Woudenberg	Capital Review Group
Paul Yost	Diebold, Incorporated
Thomas Young	Nextaire
Ronald Zimmer	CABA

Bold = CABA Member

1. Welcome, Introductions and Review of Past Minutes

Elizabeth (Liz) Jacobs, IIBC Chair, along with Ron Zimmer welcomed the IIBC members and guests and introductions were quickly done.

Motion: Moved by David Katz; Seconded by James Schwartz

“That the IIBC minutes from the November 04, 2011 meeting as previously circulated and posted on the CABA website, be approved.”

CARRIED

2. IIBC Landmark Research

John Hall, CABA Research Director, gave an update on the “Smart Grid Impact on Intelligent Buildings” landmark research that CABA is just completing. The following organizations are sponsoring the research:

1. Belimo Air Controls Inc.
2. Cadillac Fairview Corporation
3. CommScope Inc.
4. CoR Advisors
5. Diebold, Incorporated
6. Energent Incorporated
7. GE Energy Services
8. Grundfos Pumps Corp.
9. Honeywell International
10. Hydro-Québec
11. InfoComm International
12. Ingersoll Rand/Trane/Schlage
13. Johnson Controls
14. Legrand/Ortronics
15. LG Electronics

16. NRCan
17. Priva Building Intelligence
18. Public Works & Government Services Canada
19. Philips Research North America
20. Robinson Solutions
21. Schneider Electric
22. Sempra Utilities
23. Shell International E&P Inc.
24. Siemens Industry, Inc.
25. Southern California Edison
26. Tridium, Inc.
27. US General Services Administration (GSA)
28. Verizon Wireless
29. Viridity Energy

BSRIA has been contracted to complete the research and a preliminary presentation had been given to approx. 30 CABA members on January 23 in McCormick Place Convention Center. The final Project webinar presentation will be given on February 2, 2012 to all sponsors.

There will be a final written Report which will also be distributed to the sponsors by February 29, 2012. There may be an additional piece of work that Southern California Edison will complete, as an extension of this research. If completed, some of this research will also be shared with the sponsors.

John acknowledged the efforts of Dr. Ken Wacks, as Project Manager, and Darlene Pope, of CoR Advisors, for the excellent assistance in getting surveys for the project.

The PowerPoint presentation on the “Smart Grid Impact on Intelligent Buildings” has been added to the CABA website. The Executive Summary will be available to CABA members in the CABA Research Library. The complete report will be available for purchase on June 2, 2012.

2.1 2012 CABA Landmark Research Project

John Hall presented the background on the work of a special IIBC Task Force that reviewed several Landmark Research options. The Task Force selected the topic “Intelligent Buildings and the Competitive Bid-Spec Market”. Based on input from the IIBC Task Force and other sources, a prospectus has been drafted covering this research project (Appendix A).

The next steps will be to seek sponsoring organizations that will cover the cost of undertaking this research. Once a core group of Steering Committee members are in place, an RFP will be developed to solicit a research vendor to undertake the work. Five (5) research firms have already indicated an interest in responding to this research project RFP.

Liz Jacobs, who served on the IIBC Task Force, provided comments on the need for this research for the companies engaged in the “intelligent buildings” sector. The PowerPoint slides used to cover this topic will also be placed, with the draft minutes, in the IIBC section of the CABA website.

3. Report on Active Projects

3.1 Zero Energy Commercial Buildings Consortium

Chris Larry and Tom Lohner have served as CABA reps on some of the Working Groups. Chris reported that the Zero Energy Commercial Buildings Consortium is still in place, although some of the Working Groups are not active. Many CABA members had originally placed representatives on a number of the Working Groups. There has been some great information disseminated to the industry through the organization’s website: <http://zeroenergycbc.org/>.

3.2 Automation Federation (AF) and International Society of Automation (ISA)

Due to a death in the family, Jacob Jackson was not able to attend the IIBC meeting and report on these activities. Ron Zimmer gave an update that CABA had, in 2011, joined the AF as one of approximately ten (10) organizations and he currently represents CABA on the AF Board. There are two strategic benefits that are being furthered by AF and ISA:

1. A Building Automation System Technical Interest Group (BASTIG) has been formed with a mission of developing an ISA Unified Functionality for Building Automation. The purpose is to create interoperability in IB standards, building upon some of the existing industrial standards that ISA has already developed as ANSI standards. Ron reminded members that CABA does not undertake standards development, but was informing the industry of this important work. Interested people are to contact Jacob Jackson at jjackson@assuritydg.com.
2. Education and Training – AF and ISA have a strong history in supporting and delivering “automation” training. This is done through community colleges, online training and special courses.

3.3 Task Force on Education and Training

Jim Sinopoli and Gina Elliott, from Smart Buildings, are co-chairs of the IIBC Task Force on Education and Training. Both were not able to attend the meeting but provided a report that there is interest and a need for more education and training. A more concerted effort by CABA would be required in this regard. There was discussion on the community colleges and universities that provide some training. A number of Associations like ISA, InfoComm International, BICSI International, ASHRAE, LonMark

International, BACnet International, etc., also provide training opportunities within the sector. Melissa O'Mara, from Schneider Electric, indicated that some of the manufacturers are also implementing training programs for the industry. Ron also indicated that ISA had just informed him of a special course they were promoting and it can be found at:

http://www.isa.org/Template.cfm?Section=Education_and_Training&template=/Content/Management/ContentDisplay.cfm&ContentID=80692. Ron indicated that anyone interested in working on this important task force should contact Jim Sinopoli (jsinopoli@smart-buildings.com) or Gina Elliott (gelliott@smart-buildings.com). Ron also indicated that any special funding would need to be added into the 2012-2013 CABA Budget.

3.4 Sustainable Technologies Environment Program (STEP) Foundation

Allen Wiedman, STEP Executive Director, could not attend the IIBC meeting due to a conflicting ASHRAE meeting. Ron gave the report Allen had prepared and it is attached as Appendix B. STEP was formed in June 2011 and is now supported by InfoComm International, CompTIA, Telecommunications Industry Association (TIA) and BICSI International. The purpose for this group is to promote sustainable technology practices. STEP is now seeking ANSI accreditation and more information can be found at: <http://www.thestepfoundation.org/>.

3.5 Greater Philadelphia Innovation Cluster (GPIC) for Energy Efficient Buildings

Unfortunately, there was no GPIC representative to give an updated report. Ron reported on a recent visit he had (November 2011) with GPIC and GridSTAR reps. As a result, Penn State University is in the process of joining CABA. Also, the first round of GPIC funding has taken place and information can be found at:

<http://gpichub.org/about>. The second round of funding is being scheduled for 2012 and Ron recommended that CABA make an application for developing the Building Intelligence Quotient (BiQ) V2 and also to finish the Intelligent Buildings Life-Cycle Tool, that CABA started several years ago. There was general agreement that CABA should explore these opportunities.

Ron also suggested that CABA members that are working on, or interested in, testing products for Smart Grids, should also explore GridSTAR; which has recently been established by DOE. See the GridSTAR website for more details:

<http://www.cfs.psu.edu/programs/grid-star-center.html>.

4. Opportunities for Improving the Impact of the IIBC

Liz Jacobs discussed the opportunity for IIBC members to provide input on the types of activities that the IIBC should undertake. There was discussion and support for white papers that could be completed on specific topics and focal points within the integrated systems sector. She gave the example that CABA Board member Alok Singh, from Southern California Edison, recommended that one white paper could focus on “the impact of plug-load on energy consumption in commercial buildings”. It was agreed that a survey should be undertaken with the IIBC and CABA members asking them for topics that should be considered for a whitepaper. Ron suggested that various research firms like: BSRIA, Frost & Sullivan, IMS Research, ARC Advisory Group and others may be able to assist with future CABA white papers.

Tom Lohner reminded everyone that in a previous CABA Intelligent Building Roadmap, there was a list of activities that the industry would need to tackle to help the industry grow. It was agreed that this list should be added to the survey to determine if there was still relevance and/or interest in pursuing these industry needs.

5. BiQ Update and Awards

Chris Larry, Chairman of the BiQ Advisory Board, and David Katz provided an update of the BiQ Tool. Jones Lang LaSalle had just reached a tentative Agreement with the BiQ Consortium and CABA to take ownership of the BiQ Tool. The next step is to upgrade the BiQ Tool into Version 2. CABA members were still able to receive one (1) complimentary use of the BiQ Tool for their own building or with a customer. To receive a free BiQ, contact George Grimes, CABA's Business Development Manager, at grimes@caba.org. David was pleased to present the award winners that had been tested with the BiQ Tool. The award winners received distinctive plaques and will be featured in the next CABA *iHomes & Buildings* magazine. The four (4) winners were:

1. Ottawa Paramedic Service Headquarters, Ottawa (Gold)
2. Comcast Center, Malvern (Gold)
3. MaRS Centre, Toronto (Gold)
4. Three World Financial Center, New York (Silver)

Ron thanked Chris Larry, David Katz, Jiri Skopek, Frank Spitzer and the others that helped develop and utilize the BiQ Tool and for serving on the BiQ Advisory Board.

6. Other Business:

6.1 Liz Jacobs reported that the next IIBC meeting would be held by conference call in approximately three (3) months.

6.2 Ron asked Dr. Ken Wacks to give an update on the CABA Information Council (CIC) that he chairs. There is a greatly expanded CIC that are now peer reviewing a large number of research reports, case studies and whitepapers. He asked for volunteers to join the CIC and reminded everyone that all CABA members could access the largest collection of “connected homes and intelligent buildings” research in the world. Anyone interested (member or non-member), please contact John Hall at hall@caba.org.

6.3 Andrew Eastwell, from BSRIA, was asked to highlight the opportunity for industry people to join special BSRIA presentations on industry research. The presentations were starting at 6:30 PM in a meeting room adjacent to the CABA IIBC meeting.

7. IIBC Reception

Ron reminded everyone that there would be a reception immediately following the IIBC meeting. He thanked Johnson Controls and Siemens Industry, Inc. for sponsoring the reception. Liz Jacobs provided comments for Siemens Industry, Inc. and James Schwartz provided comments for Johnson Controls. The slide presentation that Jim chose not to show, due to the time limitations, has been placed with the draft minutes in the IIBC section of the CABA website (<http://www.caba.org/iibc>).

8. Bob Lane thanked the CABA staff for their diligence in organizing the various CABA Council meetings and for profiling CABA and the industry at ASHRAE/AHR Expo 2012.

9. The meeting adjourned at 5:45 PM CT.

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