

CABA Intelligent & Integrated Buildings Council (IIBC)
Draft Meeting Minutes
Friday, October 12, 2007
Conference Call 11-12:30 PM ET

Participants at meeting:

Chris Adams, Ortronics/Legrand
Lari Anderson, BAE Systems
Anto Budiardjo, Clasma, Inc.
Toby Considine, University of North Carolina
John Cowley, CommScope, Inc.
Laura Dempsey, RSMeans
Fred Dougherty, Liberty Property Trust
Tim Duggan, RSMeans
Bob Heile, ZigBee Alliance
Terry Hoffmann, Johnson Controls
David Katz, Sustainable Resources Management Inc./(BIQ Consortium)
Thomas Keel, Georgia Tech
Roy Kolasa, Honeywell International, Inc.
Bob Lane, Robert H. Lane Associates
Derek Matthews, Direct Energy
Bill McCarty, BAE Systems
Ed Regan, Interstate Electronics Company
Tom Shircliff, Intelligent Buildings
George Strickland, Somfy Canada
Bill Swan, Alerton/Honeywell
Ken Wacks, Ken Wacks Associates
Ron Zimmer, CABA

1. Welcome and Participant Introductions

Ron Zimmer, CABA President & CEO, introduced himself and served as Acting Chair for the meeting. He indicated that Tom Lohner, Chairman of CABA's IIBC, was not able to join the meeting and sent his regrets.

2. Past IIBC Minutes

Ron indicated that the past minutes were circulated to the IIBC and all minutes are posted on the CABA web site at: <http://caba.infopop.cc/6/ubb.x>

MOTION: Moved by David Katz, Seconded by: Thomas Keel

“That the IIBC minutes of the May 25, 2007 meeting be accepted and approved.”

CARRIED

3. Intelligent Buildings Task Force (IB-TF)

Roy Kolasa, Chair of CABA's IB-TF, provided a progress report. The IB-TF was formed by the CABA Board in May/07 to develop a Business Plan, which would incorporate some or all of the 16 action items listed in the Intelligent Buildings Roadmap (Section 7). Funding has been provided by a number of CABA members to complete the IB Business Plan. Based on this funding, the Building Intelligence Group was contracted to help finalize the IB Business Plan. Siemens will host an IB-TF meeting on Nov. 5, 2007 in conjunction with Greenbuild 2007. The final Business Plan will be presented to the

CABA Board at their Dec. 6 meeting, which is hosted by Panasonic Corporation of North America. Terry Hoffmann, Lari Anderson and Derek Matthews, participating members of the IB-TF provided additional comments and were very supportive of this major CABA effort.

4. CABA Life-Cycle Cost Analysis Tool

Tim Duggan and Laura Dempsey, from RSMeans, provided an update on the development of the LCC Tool and the beta version that is being finalized for review by the LCC Advisory Board. Laura also outlined a form that will be completed in the near future and forwarded to CABA members to get a commitment to use the LCC Tool. There is increased support for the LCC Tool within RS Means and the next step after the beta test, will be to launch the LCC Tool. Any IIBC member can participate in the LCC Advisory Board and a meeting is being planned for Nov/07.

5. Building Intelligence Quotient (BiQ)

David Katz, representing the BiQ Consortium, provided an update in the BiQ. He indicated that the Advisory Board had met and developed a marketing plan to promote and sell the online tool. Effort has been made to finalize the "Validation Process" and the MARS Building in Toronto is the first building to undergo the validation process. There have been several BiQ sales to date and efforts to market it through CABA and related industry events continue. LonMark International became the first "Supporting Association". Efforts are also being taken with BOMA International, International Facility Management Association (IFMA), BACnet International and the Appraisal Institute to get them to also become Supporting Associations. A recent conference call with EPA "Energy Star" was successful and they agreed to promote the BiQ with the "Energy Star" Program and also become a "Supporting Organization" for the BiQ. David and others have attended industry events and are planning to attend others in the near future to promote the BiQ. Any IIBC member can join the BiQ Advisory Board by contacting the CABA office or the BiQC.

6. Intelligent Buildings Research Project

Ron Zimmer announced that there were recent meetings with Thomas Hicks, of the U.S. Green Buildings Council (USGBC), as a follow-up to an IIBC-USGBC meeting last July. Work continues on a Memorandum of Understanding between CABA and the USGBC. One of the next steps is to complete a reciprocal membership agreement between CABA and the USGBC. The USGBC has also launched a \$1M research fund and are looking for new partnerships. CABA is planning to launch an "Intelligent Buildings-Going Green" research project in Q1/2008 and work with the USGBC. CABA, through the IHA-RC, is already working on a "Going Green – Energy Efficiency" research project that involves eight (8) CABA members. Companies interested in participating in the "Intelligent Buildings – Going Green" research project should contact Ron Zimmer or Alex Detre, the new CABA Research Director.

7. Open Building Information Xchange (oBIX)

Toby Considine is the Chair of oBIX and he provided an update on oBIX activities. He gave the background on how oBIX was launched by CABA, but now resides with OASIS.

oBIX continuing to draw interest, particularly in academic circles. Engineering classes from Chicago to Helsinki are developing projects around it. There is an active oBIX Developers Group on Google. Several small specialty controls company are beginning to implement only in oBIX to avoid the more detailed protocols. A large integration project including nearly 70 oBIX buildings is nearly complete at the University of North Carolina.

The technical sub-committee of the OASIS oBIX committee is actively working on oBIX 1.1. The goals of 1.1 are three fold. (1) We are defining an iCAL binding. iCal is the format of that little meeting attachment on your email that lets you move an invite directly to your calendar. oBIX systems will be able to receive scheduling requests by iCAL. (2) We are defining an RSS/Atom feed. User will be able

to submit watch requests to be able to track system events and trends using a variety of standard clients. For example, you could subscribe your Google home page to an alarm series. (3) Miscellaneous ambiguities have been found by developers. Ambiguities can lead to possible lack of interoperability. These parts of the specification are being tightened up.

If you would like to participate in furthering the oBIX standards effort or wish merely to download the specification, go to www.oasis-open.org.

8. Intelligent Buildings Leadership Forum (IBLF)

Ron Zimmer reported that the IBLF was held June/07 in conjunction with InfoComm '07 and was very successful. As a result, another one-day IBLF will be held in conjunction with InfoComm '08 (June 14-20) and as an added bonus NXTComm (June 16-19) will also be held in Las Vegas at the same time and location. Members are encouraged to note the dates and plan to attend. Companies and individuals interested in sponsoring and/or speaking should contact the CABA office.

9. High Performance Building Council

Ron Zimmer reported that Tom Lohner of TENG Solutions and Chair of the IIBC, alerted CABA in July/07 that the National Institute of Building Sciences (NIBS) and the Sustainable Buildings Industry Council were forming a High Performance Building Council (HPBC). Ron indicated that he met with an official from NIBS on his recent trip to Washington and also discussed this opportunity with a number of CABA members. Tom Lohner has agreed to represent CABA at the HPBC meeting on Nov. 1-2, 2007. He will be keeping the IIBC informed on HPBC activities and opportunities.

10. Global Facility Management Workshop

Ron Zimmer also alerted members that CABA was invited to send a rep to the 4th Global Facilities Management International Workshop that was held Oct. 23, 2007 in conjunction with IFMA's Conference. There were no volunteers to represent CABA at this event in New Orleans.

11. Intelligent Buildings Roadmap

IIBC members were reminded that the Intelligent Buildings Roadmap, was released Aug. 1, 2007 and can now be purchased. This valuable document is filled with industry intelligence and research and can be obtained for the member rate of \$3K. Contact Fred Bryson, Bryson@caba.org; P: 888.798.CABA (2222) or 613.686.1814 (x. 226) for more details or to order a copy. The IBRM Executive Summary is now available complimentary to anyone on the CABA website at: <http://www.caba.org/ibrm/>.

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

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