CABA Intelligent & Integrated Buildings Council (IIBC)
Draft Meeting Minutes
April 18, 2008
Conference Call

Attendence:
Roy Kolasa, Honeywell International, Chair
Lari Anderson, BAE Systems
Brian Beattie, Frost & Sullivan
Ron Bernstein, LonMark International
Brad Brickman, BuildSERV, Inc.
John Cowley, CommScope, Inc.
Paul Ehrlich, Building Intelligence Group
Terry Hoffmann, Johnson Controls
Tom Gardiner, iOpen, Inc.
David Katz, BiQ Consortium
Thomas Keel, Georgia Institute of Technology
David Labuskes, RTKL Associates, Inc.
J. Christopher Larry, TENG Solutions
Jim Long, Herman Miller
Jeff Parks, WattStopper/Legrand
Brooke Raffeto, Richards-Zeta Building Intelligence Inc.
Tom Shircliff, Intelligent Buildings
Jim Sinopoli, Smart Buildings
Jiri Skopek, ECD Energy and Environment Canada Ltd.
Andy Stroede, Panduit Corp.
Ken Wacks, Ken Wacks Associates
Scott Walker, InfoComm International
Ron Zimmer, CABA

1. **Opening Remarks**

   Welcome was extended by both Tom Lohner and Roy Kolasa. Roll call was taken and introductions were given. Ron Zimmer explained that Roy Kolasa had been appointed as IIBC Chairman and Tom Lohner would be past-chair. On behalf of the CABA Board, Ron thanked Tom for his many years chairing the IIBC. Roy indicated that he had reviewed the IIBC minutes on the IIBC Forum and Ron indicated that they had been forwarded to everyone shortly after the meeting and they were also posted on the IIBC Forum in the CABA website. (http://caba.infopop.cc/eve/login)

   MOTION, moved by: Tom Gardiner and Seconded by: Thom Keel

   "That the IIBC minutes from Jan. 22, 2008 meeting at ASHRAE/AHR Expo in New York, be approved.

                                                                                    CARRIED

2. **Life-Cycle Costs Project**

   Thom Keel, Chair of the LCC Advisory Board, gave a progress report on the LCC project. He indicated the unfortunately both Laura Dempsey and Tim Duggan, from RSMeans, were unable to join the meeting. However, they provided the following written report:

   "LCC tool to help users understand the cost of intelligent building automation. CABA sponsored research to identify the market penetration, and follow on work to determine how to utilize RSMeans to support an educational process for the construction industry.

RSMeans Business Solutions developed a dashboard demo Intelligent Building Life Cycle Calculator (IBLCC) to test the market need for a RSMeans supported calculator. Many calculators currently exist but require a significant level of building information to perform a calculation.

At the AHR show, CABA announced the posting of the demo calculator to the market place. CABA sent out a notice to their mailing list of 25,000. RSMeans asked *CSE magazine* to promote the calculator and they used the newsletter's 12,000 mailing list to promote the site. Lastly, Thom Keel placed an article in AutomatedBuildings.com to promote the site.

The results were significant as approximately 600 users responded by visiting the site. Out of those, 50 users actually followed through on the site and submitted specific project requests. As a next step, RSMeans plans to survey each of the respondents to evaluate the need in the marketplace.

Evaluation of the market will take 60 days to determine marketability of the concept."

3. **Building Intelligence Quotient (BiQ) Update**

David Katz and Jiri Skopek, of the BiQ Consortium, spoke about the April 17 BiQ Advisory Board meeting. The draft minutes have been attached as Appendix A. They were pleased to announce that Christopher Larry, from TENG Solutions, agreed to become Chairman of the BiQ Advisory Board. Tom Lohner, acting Chair for the BiQ, elaborated on the role of the BiQ Advisory Board. David indicated that as a marketing incentive, users could have a 60 day trial period to try the BiQ Tool, before paying!

4. **Intelligent Buildings Roadmap Action**

Roy indicated that based on the work of the CABA IB Task Force and subsequent direction of the CABA Board each initiative would require a "champion" or Task Force leader. He was pleased that several leaders have volunteered to handle specific initiatives:

4.1 IB Industry Certification

Jim Sinopoli reported on discussions with Tom Lohner and Ron Zimmer about various options. He had written an article, which is placed on AutomatedBuildings.com. As a next step, he was going to prepare a white paper on this opportunity.

4.2 Low Voltage Communications

Ron reported that Ed Regan, a consultant, and Chris Adams, from Ortronics, had taken on this important work. Tom Lohner has also assisted in their efforts. He reported that a special Forum had been established in the IIBC section of the CABA website and many documents have already been posted. More work is being planned and volunteers are requested to join this important Task Force.

4.3 IB Research

Ron reported that the CABA staff helped organize two steering committees to undertake important research. The "Sustainability and Vision Project" is just being completed by Vivian Loftness, who lead a research team from Carnegie Mellon University. The twelve (12) participating organizations were:

1. Alerton
2. AMX Corporation
3. BAE Systems
4. Distech Controls Inc./EnOcean Alliance Inc.
5. Eaton Corporation
6. GridLogix, Inc.

7. RealFoundations
8. RFArrays
9. Sloan Monitored Systems
10. Texas Instruments
11. Trane
12. Zurn Engineered Water Solutions

The second research project, "Convergence of Green and Intelligent Buildings" launched with 15 organizations. Frost & Sullivan have been contracted to complete the research and Gerry Meade is the Project Manager. The 15 participating organizations are:

Level 1

1. BAE Systems
2. Cisco Systems, Inc.
3. CommScope, Inc.
4. Delta Controls Inc.
5. Encelium Technologies Inc.
6. Global Environment Fund
7. Herman Miller Inc.
8. InfoComm International
9. Johnson Controls Ltd.
10. Legrand (Ortronics and WattStopper)
11. Sloan Monitored Systems
12. Trane
13. Tridel Corporation

Level 2

1. Natural Resources Canada
2. Panduit Corp.

4.4 Sustainable and Green Buildings

Roy Kolasa volunteered to lead an IIBC Sub-Committee that would work on "sustainable and green building" issues. Ron indicated that CABA recently created reciprocal memberships with the USGBC, CaGBC and the Green Mechanical Council to create a closer working relationship. Efforts are underway to develop an MOU between CABA and the USGBC. Also, Tom Lohner volunteered to serve on the selection committee for workshops that will take place at USGBC's "GreenBuild" November 2008 in Boston. Roy asked for volunteers to serve on this important Sub-Committee.

4.5 Intelligent Buildings Definition

Terry Hoffmann had worked on an updated definition. With input from a number of industry participants he has drafted a new definition that will be provided to CABA and will be sent to all IIBC members for comment. It will receive the final review at the next IIBC meeting.

5. Open Building Information Xchange (oBIX)

Ron indicated that Toby Considine is the oBIX Chair and unfortunately could not be on the call. The oBIX working group operates under OASIS and the links to the oBIX efforts are included in the last IIBC minutes and in the CABA website under the Standards Organization section.

6. **CABA Intelligent Buildings Leadership Forum (IBLF)**

   Ron reported for the second time CABA would hold the IBLF on opening day of InfoComm 08. Therefore it will take place on June 17, 2008 in Las Vegas. This year NXTcomm is also collocating in the same facility and CABA delegates will have access to both trade shows. Finally, all IBLF registered delegates will receive a complimentary copy of the complete Intelligent Buildings Roadmap. A detailed agenda, sponsors, speakers, registration can be found at: http://www.caba.org/leadersforum/

7. **Closing –** Roy asked if there was any new business and it was agreed that the next meeting would likely be held in July /08 and a notice would be forthcoming. He encouraged all the Task Forces and Advisory Boards to have regular meetings on a weekly or bi-weekly basis. Ron indicated that a survey sheet would go with the minutes asking each IIBC member to select those Task Forces, Advisory Boards and Sub-Cttees that they would like to join or lead. All 15 action items from the Intelligent Buildings Roadmap would be listed to ensure everyone is aware of the work that needs to be completed.

8. Meeting adjourned at 4:45 PM ET.

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Appendix A

Minutes
BiQ Advisory Board Meeting
Conference Call
Thursday April 17, 2007
3:30 PM – 4:30 PM ET

<u>Present:</u>

Ken Gallinger, (CABA)
Christina Inge, Spinwave Systems, Inc.
David Katz, Sustainable Resources Management Inc. (BiQ Consortium)
Roy Kolasa, Honeywell International Inc.
J. Christopher Larry, TENG Solutions. (NEW Chair of the BiQ Advisory Board)
Tom Lohner, TENG Solutions (Acting Chair)
Tom Shircliff, Intelligent Buildings
Jim Sinopoli, Smart Buildings
Jiri Skopek, ECD Energy and Environment Canada Ltd. (BiQ Consortium)
Ken Wacks, Ken Wacks Associates

1. Welcome and Introductions.

   - Tom Lohner welcomed everyone on the call.
   - Tom outlined the purpose of the BiQ Advisory Board and that was for them to provide technical oversight of the tool and to keep advancing the tool with the most up to date technology.

2. David Katz provided a brief history of the BiQ tool.

3. Tom Lohner put forward a request for Volunteers for the BiQ Advisory Board Chair and Vice-Chair positions. (No Volunteers stepped forward)

   - Tom Lohner put forward J. Christopher Larry, TENG Solutions for NEW Chair of the BiQ Advisory Board. (Approved)
   - Later in the call J. Christopher Larry accepted the position.

4. David Katz offered a Free 60 Day Demo of the BiQ and interested organizations could register directly with him.

   - He also provided a brief update on the MARs Building located in Toronto validation process and status. (Score 81% BiQ)

5. ConnectivityWeek

- David Katz will be attending ConnectivityWeek as a speaker (BiQ) as per his agreement with CLASMA.

- David also inquired if there was anyone on the call that could sponsor him to attend this event and cover travel and lodging expenses.

6. Tom Lohner spoke on new advances in technology and how they affect the BiQ.

   Some of the recommendations from attendees regarding additional topics to be added to the BiQ Tool were as follows:

   - Dash Board

   - Renewable Energy Source

   - Carbon Foot Print

   - Indoor Air Quality

   - Water

   - Environmental Factors

   - ZigBee Wireless

   - Security

   - Smart Cards

7. Vendor Community

   - It was established that feedback from the Vendor community would be valuable.

   - David Katz agreed to draft a form to obtain feedback on evaluating the tool.

   - Christina Inge to provide feedback and volunteered to reach the Vendor Community.

   - David Katz recommended that a Blog be created on the BiQ web site to generate discussions.

8. BiQ Awards Program

- David Katz and Ken Gallinger discussed the BiQ Awards Program and the general consensus was that a minimum of three Validated Buildings would be required to launch the Awards Program.

- Roy Kolasa felt that there would have to be true value to the Award and recognition for the winner.

9. Next Meeting (3 months from today) TBA

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