

**CABA Intelligent & Integrated Buildings Council (IIBC)**  
**Draft Meeting Minutes**  
**Wednesday, May 9, 2012**  
**12:30-1:10 PM ET**  
**Conference Call**

**Present:**

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

**Jeff Hamilton – Ingersoll Rand (Vice Chair)**

Howard Berger - Realcomm / IBcon

Cordell Burton – Pella Corporation

Mike Carter – AMX Corporation

Brian Casey – Honeywell International

Rob Crisler - TDIndustries Building Systems Integration

Gina Elliott – Smart Buildings

Ken Gallinger – CABA

John Hall – CABA

David Katz – Sustainable Resources Management

Jim Kelsey – kW Engineering

Kyle McNamara – Verizon

Maurice Okawaki – Frost & Sullivan

Darlene Pope – CoR Advisors

Rod Reese – Diebold Incorporated

Jim Sinopoli – Smart Buildings

Jiri Skopek – Jones Lang LaSalle

Arno Spelt – Priva Building Intelligence

Jeremy Towler – BSRIA Limited

Jim Young – Realcomm / IBcon

Ron Zimmer – CABA

**1. Welcome, Introductions and Review of Past Minutes**

Elizabeth (Liz) Jacobs, IIBC Chair, along with Ron Zimmer welcomed everyone to the IIBC meeting and asked for any changes to the agenda or new business. Ron indicated that due to scheduling issues, Agenda item 5.1 should be moved to the next item of business after the IIBC minutes are approved. A roll call of participants was then taken.

## 2. IIBC Minutes

Liz Jacobs indicated that the IIBC draft minutes had been circulated to the IIBC after the January 24, 2012 meeting. Ron indicated that there was a record turnout with over 80 attendees at the “face-2-face” meeting at ASHRAE / AHR Expo.

Motion: Moved by: David Katz; Seconded by: Darlene Pope

“That the January 24, 2012 IIBC minutes be approved.”

CARRIED

## 3. White Paper Project – Liz Jacobs/John Hall

### 3.1 Survey Results and Recommendations

Liz and John presented the findings of the recent “IIBC White Papers and Initiatives/Actions”. Survey findings and recommendations are posted at: <http://www.caba.org/councils/index.html>. Given that the survey findings and recommendations are indicating strong support for White Paper development, the Council decided the following:

- The IIBC White Papers and Initiatives/Actions survey should be conducted by CABA with IIBC membership twice per year – Spring and Fall.
- The IIBC will form a White Papers Sub-Committee to coordinate the development, member participation, production and dissemination of white papers for the IIBC. The Sub-Committee will update the Council at subsequent IIBC meetings as to its progress; refresh and garner new white paper topics from the membership; and stay current of industry “hot button” topics.
- Volunteers for IIBC White Paper Sub-Committee currently include – Liz Jacobs, Siemens Industry; Rod Reese, Diebold Incorporated; David Katz, Sustainable Resources Management Inc.; Adam Zebrowski, Priva Building Intelligence North America; and John Hall, CABA. Consider volunteering or appointing someone from your organization to participate in the White Papers Sub-Committee. For details and to join, please contact John Hall at: [hall@caba.org](mailto:hall@caba.org).
- From the survey findings and recommendations, the Council decided that the first White Papers to be developed for the IIBC should be as follows:
  - ROI analysis to quantify the benefits of implementing fully converged technology solutions involving building automation, security and IT infrastructure.
  - Commercial energy management using cloud technology.
  - The impact of wireless on equipment (HVAC, security, life-safety, lighting, etc.) in the building automation layer.

- Next steps for the IIBC White Papers Sub-Committee will be as follows:
  - Convene the first meeting of the Sub-Committee to determine the Chairman, plan a process, logistics and determine timing.
  - Develop a short needs/expectations template for membership details and expectations from specific white papers.
  - Enlist the support of IIBC members to contribute background information or completed white papers on the identified topics.
  - Enlist the support of CABA research vendors to support the IIBC White Paper initiative – through submissions of “analysts briefs” or the development of specific full white papers for the IIBC.
  - Circulate the white papers to all CABA members and other industry stakeholders upon completion.

#### 4. Reports on active initiatives and projects:

##### 4.1 IIBC Landmark Research

##### 4.1.1 "Smart Grid Impact on Intelligent Buildings" Embargo update:

Ron Zimmer and John Hall reported that this project is complete and more information can be found at: <http://www.caba.org/research/projects/smart-grid-2011>. CABA thanks these companies for their generous support of this research: **Belimo Air Controls Inc., Cadillac Fairview Corporation, CommScope Inc., CoR Advisors, Diebold, Incorporated, Energent Incorporated, GE Energy, Grundfos Pumps Corp., Honeywell International/Tridium, Hydro-Québec, InfoComm International, Ingersoll Rand/Trane/Schlage, Johnson Controls, Legrand/ Ortronics, LG Electronics, Natural Resources Canada, Philips Research North America, Priva North America, Public Works and Government Services Canada, Robinson Solutions, Schneider Electric, Sempra Utilities, Shell International Inc., Siemens Industry Inc., Southern California Edison, the U.S. General Services Administration (GSA), Verizon, and Viridity Energy.** The complete report will be through the four (4) month embargo on June 4, 2012, and can be purchased at the CABA estore <http://www.caba.org/estore>. CABA members can view the Executive Summary in the CABA Research Library by clicking [here](#) and logging in with your CABA pass codes. If you don't have your pass codes, simply contact Tony Disipio ([disipio@caba.org](mailto:disipio@caba.org)). This library contains over 600 research reports, case studies and white papers and is the largest collection of “Intelligent Buildings and Connected Homes” research in the world.

#### **4.1.2 “Intelligent Buildings and the Bid-Specification Process” Research Project Update:**

John Hall reviewed the background and purpose of this research project. He indicated that the ten (10) CABA members were sponsoring the project and more were required. Liz Jacobs and Brian Casey spoke to the project and final deliverables. Darlene Pope recommended that the research be given to all stakeholders to help educate and stimulate the sector. Ron indicated that the current commitment to sponsors would not allow widespread circulation to end-use stakeholders (architects, engineering firms, builders, etc.). However, if the Steering Committee agreed to distribute the final report to end-users CABA would agree to the distribution.

More details on this important CABA research report can be found at <http://www.caba.org/research/projects/bid-spec>. The following companies have already agreed to participate in this important research initiative: **Cadillac Fairview Corporation, Diebold Incorporated, Distech Controls, Inc, Honeywell International, Hydro One Networks, Inc., Ingersoll Rand/Trane, Philips, Siemens Industry, Inc., Telecommunications Industry Association (TIA) and Verizon.**

#### **4.2 Building Intelligence Quotient Update - Chris Larry, David Katz, Jiri Skopek**

Jiri Skopek indicated that the agreements have been finalized and Jones Lang LaSalle now owns the BiQ Tool. David Katz indicated that the next steps are to upgrade the BiQ Tool such that BiQ 2.0 is finalized. Ken Gallinger indicated that Chris Larry, from exp (formerly Teng Solutions) had recently chaired a good BiQ Advisory Board meeting to set the next action items. A meeting will be called in the near future to start work on BiQ 2.0. There are also steps being taken to improve the branding and marketing of the tool. More information can be found at: <http://www.building-iq.com/biq/index.html>.

#### **4.3 Zero Energy Commercial Buildings Consortium - Chris Larry and Tom Lohner**

Chris and Tom were not able to join the IIBC meeting, so Ron gave a short update. Everyone was encouraged to follow the efforts of the Zero Energy Buildings Consortium at: <http://zeroenergycbc.org/> and join the working groups if appropriate.

#### **4.4 Automation Federation/International Society of Automation - Building Automation System Technical Interest Group (BASTIG) and ISA Unified Functionality for Building Automation Update - Jacob Jackson**

Jacob Jackson sent his regrets that he could not give a report due to another meeting. Ron reported that CABA continues to participate in the Automation

Federation. Jacob has also requested that CABA members review the efforts of the Building Automation System Technical Interest Group (BASTIG) and the International Society of Automation (ISA) efforts. Information can be obtained at the following links: <http://www.automationfederation.org/> and [http://www.isa.org/MSTemplate.cfm?Site=Building\\_Automation\\_Systems\\_Technical\\_Interest\\_Group](http://www.isa.org/MSTemplate.cfm?Site=Building_Automation_Systems_Technical_Interest_Group). CABA members are encouraged to participate and can contact Jacob ([jjackson@assuritydq.com](mailto:jjackson@assuritydq.com)) to get more information.

#### **4.5 Task Force on Education and Training - Jim Sinopoli/Gina Elliott**

Gina Elliott gave an update on the good work that the Task Force on Education and Training has completed. Several meetings were held and a special section has been created in the CABA website (<http://www.caba.org/education-and-training>) that will feature intelligent buildings and connected home education and training opportunities. CABA has entered into a special MOU with ISA to promote the training that applies to building automation. Finally, a sub-group has been established in the CABA Group in LinkedIn for the Task Force on Education and Training. Anyone interested should go to: [http://www.linkedin.com/groups?subgroups=&gid=2121884&trk=anet\\_ug\\_subg](http://www.linkedin.com/groups?subgroups=&gid=2121884&trk=anet_ug_subg).

#### **4.6 Intelligent Buildings Training and Events**

##### **4.6.1 CoR Advisors Webinars - Darlene Pope**

Darlene advised the IIBC that their webinar series is still attracting a large following and interested members should click here: <http://coradvisors.net/webcast.asp?wc=41>. She also reported that CABA's "Smart Grid Impact on Intelligent Buildings" research would be the featured webinar on July 20, 2012 at 12:30 PM ET. CABA endorses this important webinar series, which is free to attendees.

##### **4.6.2 IBcon – Jim Young and Howard Berger**

Jim Young provided a background and overview of the forthcoming Realcomm and IBcon events. These will be held on June 13-14 in Las Vegas and are also being held in conjunction with InfoComm 2012. The conference is shaping up to be the premier event in the world on the topic of Smart, Connected, High Performance, Intelligent Buildings. These are some of the conference highlights that delegates can expect to find at IBcon:

- Owners, Managers and Operators representing 20+ billion square feet of real estate
- NYC Building Commissioner Robert LiMandri, responsible for 975,000 square feet of buildings
- CBRE with seven (7) of its top line executives from different operating groups

- Microsoft unveiling its Smart Campus Strategy
- GSA/Public Building Services presenting updates on the Fast 50 Project
- 24 Cutting edge educational sessions, including 11 dynamic case studies
- Sold Out Exhibit Floor
- Intelligent Building Boot Camp for Beginners (pre-conference)
- Ron Zimmer speaking on Defining an Intelligent Building Portfolio/Campus (June 13, 11:15 AM PT)

IIBC members are encouraged to join other industry leaders for this inaugural event to take the Intelligent Buildings conversation to the next level. IIBC members are included in CABA's Circle of Friends for a special rate of \$500. When you register remember to enter this promo code: RC12ADVC1. CABA is endorsing Realcomm / IBcon and InfoComm 2012. Members are encouraged to attend and also review the Digie Awards opportunity! More information can be found at: <http://www.ib-con.com/>.

#### **4.6.3 CABA Speakers Bureau – Ken Gallinger**

Ken Gallinger highlighted that CABA now endorses over 100 industry events. More event organizers are requesting that CABA provide speakers and research at these events. To assist the industry the CABA Speakers Bureau was created and any CABA member can register free. For more information go to: <http://www.caba.org/speakers-bureau>.

#### **4.7 CABA Proposal on Intelligent Buildings Life-Cycle Tool – Ron Zimmer**

Ron announced that, in the past, the CABA IIBC worked on developing an “IB Life-Cycle Cost Tool”. The work was only partially completed by RS Means, with support from DOE and industry. CABA will pursue GPIC funding and support for this Tool. David Katz indicated there may be another source of funding to complete this Tool. More information on this project can be found at: <http://www.caba.org/iibc/lcc-steering-committee>.

### **5. Other Business:**

#### **5.1 ASHRAE Standard 100 – Jim Kelsey**

Jim Kelsey provided an update on ASHRAE Standard 100. This important effort is now open for a 45 day review period. Liz invited Jim to provide an update at the next IIBC meeting. Ron also thanked Jim for posting this good information on the CABA Group on LinkedIn. Jim encouraged all interested people to review this material at: [http://www.ashrae.org/standards-research--technology/public-review-drafts?goback=%2Egde\\_76279\\_member\\_112841781](http://www.ashrae.org/standards-research--technology/public-review-drafts?goback=%2Egde_76279_member_112841781)

## **5.2 Peer Review of BSC Procedural Standards**

Ron indicated one of the objectives of the IIBC is to inform CABA member representatives about activities and information that may pertain to them. CABA recently became aware that the National Environmental Balancing Bureau (NEBB) is organizing a peer review of the Procedural Standards for Whole Building Systems Technical Commissioning. Anyone interested can review documents at:

[http://www.nebb.org/assets/1/7/BSC\\_final\\_for\\_peer\\_review\\_doc21.pdf](http://www.nebb.org/assets/1/7/BSC_final_for_peer_review_doc21.pdf).

## **6. Next IIBC Meeting**

Liz announced that the next IIBC meeting would be held as a conference call in late August or September, 2012.

## **7. Liz thanked everyone for participating and the meeting adjourned at 1:10 PM ET.**

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