



**ASHB**

Intelligent Buildings Council

**ASHB Intelligent Buildings Council (IBC)  
Draft Meeting Minutes**

Thursday, February 22, 2024  
12 NOON - 1:30 PM (ET) via Webinar

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**IBC Executive:**

IBC Chair, Bob Allan (NAVCO, Inc.)

IBC Vice-Chair, Chris Larry (Exp US Services Inc.)

IBC Vice-Chair, Harsha Chandrashekar (Honeywell International Inc.)

IBC Vice-Chair, Robert Lane (Robert H. Lane & Associates Inc.)

**Present:**

Ai-tronics Systems, Sheldon Gabriel

Arbogast Energy Auditing, Elmer Arbogast

Armstrong Monitoring, Stephanie Pichette

Baker Group Automation, Russell Zimmerman

Belimo Americas, Scott Reed

BGI Tech (Bright Green Ideas), John Smith

BIG - Building Intelligence Group, Ben Disney

BrainBox AI Inc., Bryce Jeude

BTG Americas, Rene Rendon

Canadian Cyber Threat Exchange (CCTX), Bob Gordon

Carleton University, Andrei Farcasiu

Colliers International, Tony Kern

Cummins Facility Services, Savannah Frey

Davmark Limited, David Slade

Delta Controls, A Delta Group Company, Gay harvey

Delta Controls, A Delta Group Company, Kurt Graves

Distech Controls Inc., An Acuity Brands company, Efren Marquez

EBTRON, Inc., Darryl DeAngelis

EBTRON, Inc., Lisa Hickey

Electro-Federation Canada (EFC), Tom Mason

ERG Energy Efficiency, Michael Dabbene

Figaro USA, Inc., Shono Fujitani

FM Approvals, Jason Stiteler

Honeywell International, Inc., Brad Hill

ICONICS, Inc., Gary Kohrt

I'm in Control, Kirk Oatman

Intellimo, Marc Girard

Johnson Controls Inc., Bernard Clement

Johnson Controls Inc., Chad Pakett

Johnson Controls Inc., Ghulam Khan  
Ken Wacks Associates, Kenneth Wacks  
Legrand North America, Changhui Lu  
Legrand North America, Shana Longo  
Mechdyne Corporation, Jeff Brum  
Metrikus Ltd., Michael Grant  
Mircom Group of Companies (MGC), Mark Falbo  
National Research Council Canada (NRC), Anca Galasiu  
National Research Council Canada (NRC), George Xiao  
National Research Council Canada (NRC), Natalia Cooper  
NIST (National Institute of Standards & Technology), Amanda Pertzborn  
Nucor Corportaion, Pavan Gadicherla  
Picacity AI, Inc., Sumeet Johar  
Picacity AI, Inc., Alec Lai  
Picacity AI, Inc., Iskandar Kfoury  
Picacity AI, Inc., Sumeet Johar  
Renewed Robotics, Daizhan Ennals  
Rheem Manufacturing Company, Danieal Trevino  
Robert H. Lane & Associates, John Bell  
Siemens Industry, Inc., Bonnie Brook  
Siemens Industry, Inc., Gloria Lloret  
Siemens Industry, Inc., Hans Langels  
Siemens Industry, Inc., Katie Weiler  
Siemens Industry, Inc., Michael White  
Siemens Industry, Inc., Richard Rivera  
Streamside Solutions, Dwight Stewart  
Superior Essex Communications, Amir Sekhvat  
Sustainable Resources Management Inc., David Katz  
Telnnet Management Consulting, Inc., Fawzi Behmann  
The Armstrong Monitoring Corporation, Mathew Finlay  
The Chicago Faucet Company/Geberit Group, Greg Hunt  
TSC - Development, James Smith  
Watts Water Technologies Inc., Jay Vath

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1. **Agenda** – Bob Allan (NAVCO, Inc.)

Bob Allan thanked everyone for attending, outlined the agenda, and alerted everyone that the meeting was being recorded and would be made available to the industry.

2. **Call to Order, Welcome, and Introduction** – Bob Allan (NAVCO, Inc.)

Bob Allan welcomed everyone and introduced: IBC Vice-Chairs, Harsha Chandrashekar (Honeywell International, Inc.), Robert Lane (Robert H. Lane and Associates, Inc.) and Christopher Larry (Exp US Services Inc.), ASHB Whitepaper Chair, Ken Wacks (Ken Wacks and Associates)

3. **Administrative** – Bob Allan (NAVCO, Inc.)

**Motion to Approve Past IBC Minutes**

Bob Allan informed everyone that the meeting minutes from the November 21, 2023, IBC meeting were circulated and posted on the ASHB website in the IBC section: [www.ashb.com/ibc](http://www.ashb.com/ibc).

A motion to approve the November 21, 2023, IBC minutes was moved by Harsha Chandrashekar (Honeywell International Inc.), and the motion was seconded by David Katz (Sustainable Resources Management Inc.). Unopposed motion passed.

4. **Research Update** – Marta Klopotoska (ASHB)



4.1 **2023 IBC Landmark Research – Intelligent Building Technology & Market Trends**

Marta Klopotoska gave a brief overview of this Landmark Research Project. The ASHB 2023 Landmark research project titled Intelligent Buildings Technology and Market Trends has been successfully completed and is scheduled for release to the funding organizations on February 27. Robert thanked the funders for their support and explained that the Executive Summary is available on the ASHB website and the report findings will be available for purchase end of June in the ASHB store on the ASHB website. To learn more contact [admin@ashb.com](mailto:admin@ashb.com).

## 4.2 [2024 IBC Landmark Research – Smart Building Trends & Technology Adoption](#)



Marta Klopotoska gave a brief overview of Landmark Research Project titled Smart Building Trends & Technology Adoption. This project has garnered support from 15 funders thus far, and ASHB expresses sincere gratitude for their invaluable support and guidance. An RFP went out to ASHB member research firms late last year leading to the selection of Harbor Research by the initial funders. The research will utilize both industry expert interviews and consumer surveys (targeting 300 Commercial Buildings Owners/Operators in Canada and USA and will cover key topics/opportunities to gain an annual perspective of operator needs/outlook). It is essential to note that these projects, collectively valued at approximately \$80K USD, will have an exclusive release to the project's funders. There are two distinct funding tiers: Bronze, priced at \$5K, which grants access to the research findings, and Silver, priced at \$10K, enabling participation in the Steering Committee and shaping of the project's

direction. For those interested in joining this initiative, please do not hesitate to reach out to us at [admin@ashb.com](mailto:admin@ashb.com) or contact Greg Walker directly at [walker@ashb.com](mailto:walker@ashb.com).

### 5. **Keynote: Smart Building Solutions Integration in the "Built Spaces"** – Harsha Chandrashekar (Honeywell International, Inc.) & Gary Harvey (Delta Electronics America's), (30 min)

Harsha Chandrashekar introduced Gary Harvey who presented on the topic.

**Description:** Gary Harvey, a prominent voice at Delta Electronics (America's), unveils the current market dynamics and regulations propelling the need for smarter and more efficient buildings. Discover the transformative potential of integrating diverse systems and products to fuel initiatives aimed at building intelligence. Gary will illuminate the path forward by sharing compelling case studies that showcase the successful application of technology in achieving these ambitious goals.

#### **Contact keynote:**

Gary Harvey [gary.harvey@deltaww.com](mailto:gary.harvey@deltaww.com)

### 6. **ASHB Podcast** – Chris Larry (Exp US Services Inc.)

Chris Larry outlined ASHB's recent Podcast series on [Spotify](#) and [Apple Podcasts](#). ASHB's most recent recordings released focused on Smart Building Business Drivers,

Environment Optimization and Solid Footing for New Builds. Contact ASHB to learn how to participate as a guest or host on a future episode [admin@ashb.com](mailto:admin@ashb.com). Chris also mentioned about a recently recorded episode he hosted on Fire and Life Safety which is scheduled to be released in mid-March.

7. **ASHB Journal** - Ken Wacks (Ken Wacks Associates)

Ken Wacks presented the ASHB Journal and urged all attendees to contribute their articles for consideration. If you're interested in submitting a proposal or an article, you can reach out to [admin@ashb.com](mailto:admin@ashb.com) or [kenn@alum.mit.edu](mailto:kenn@alum.mit.edu).

8. **ASHB Whitepapers** - Ken Wacks (Ken Wacks Associates)

An overview was given of the IBC White Paper review process, completed IBC White Papers and papers in progress. IBC White Papers are secondary literature review articles that are approximately 10-20 pages in length. These papers are written and distributed free of charge to inform the industry. For the papers to be approved by the IBC White Paper Sub-Committee (WPSC), they must have significant technical material of relevance to IBC members. They must not contain marketing material or promote an agenda. Any ASHB member can and is encouraged to complete the [white paper proposal](#) on the ASHB website.

All completed and approved ASHB White Papers are placed in the ASHB Public Library, Members Library, ASHB NewsBrief, ASHB Twitter Feed, and ASHB LinkedIn Group and promoted at industry events. To view the IBC White Paper terms of reference, previous IBC White Papers, and additional information, please go to: [www.ashb.com/whitepapers](http://www.ashb.com/whitepapers).

IBC White Paper Sub-Committee:

- Ken Wacks Associates, Kenneth Wacks
- Consultant, Steve Samson
- Frost & Sullivan, Dilip Sarangan
- National Research Council Canada (NRC), Heather Knudsen
- Sustainable Resources Management Inc., David Katz

9. **Other Business** – Bob Allan (NAVCO, Inc.)

Bob Allan called for new business related to future IBC Guest/Keynote presentation topics and speakers, new IBC White Papers, new research projects and meeting ideas, etc.

David Katz (Sustainable Resources Management Inc.) mentioned his collaboration with a US company focused on installing new glass on existing buildings to aid in decarbonization efforts. He highlighted the potential to upgrade older building windows to

triple-pane or equivalent, emphasizing the importance of considering the building envelope in decarbonization strategies. David suggested having someone present on this topic.

Ken Wacks (Ken Wacks and Associates) added to David's point by mentioning a new crystalline technology for window panes that can generate power from transmitted light. He indicated his upcoming participation in a panel discussion at the Smart Energy Summit in Orlando, where he will speak on this technology.

David Katz (Sustainable Resources Management Inc.) mentioned his speaking engagement at NFMT in Baltimore, where he will showcase progress on utilizing building data for Environmental, Social, and Governance (ESG) purposes.

Michael Grant (Metrikus Ltd.) highlighted the increasing demand from customers for understanding and utilizing data effectively, particularly for purposes beyond technology. He suggested the potential for a presentation on data usage, including its applications for ESG, space optimization, ROI calculations, energy efficiency, and indoor air quality improvement, emphasizing the broader benefits beyond just energy savings.

**10. Announcements** – Bob Allan (NAVCO, Inc.)

**Upcoming Events**

[DISTRIBUTECH](#) - February 26-29 | Orlando, FL

[IFMA World Workplace](#) - March 6-7 | Netherlands

[Controls-Con](#) - May 16-17 | Dallas, TX

[Realcomm IBcon](#) - June 20-21 | Tampa, FL – ASHB is holding its second triannual Board of Directors meeting for the year at Realcomm.

**11. Adjournment** (1:30 PM ET) – Bob Allan (NAVCO, Inc.)

Next IBC Meeting, May 2024.

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ASHB IBC meetings are open to ASHB Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the IBC, past minutes, participants, and terms of reference. Any ASHB Member that attended as a guest will be added to the IBC unless they notify the ASHB office by March 1, 2024, that their name should not be added. Non-ASHB members that attended this meeting as a guest, should contact ASHB at [admin@ashb.com](mailto:admin@ashb.com), to indicate if they wish to join the IBC or ASHB. [CLICK HERE](#) for more information on the ASHB Benefits and please circulate them to others in your organization.

Regards,

Greg Walker, CAE  
CEO

Association for Smarter Homes & Buildings (ASHB)

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