CABA Connected Home Council (CHC)
Draft Meeting Minutes
Thursday, July 8, 2021
12 NOON – 1:30 PM (ET) via Webinar

**CHC Executive:**
CHC Chair, Eric Harper (Snap One)
CHC Vice-Chair, Jim Hunter (Delos Living LLC)
CHC Vice-Chair, Byron BeMiller (Semtech Corporation)
CHC Vice-Chair, Charles Hume (Southwire Company, LLC)

**Present:**
21st Century Telecom, Inc., William Branham
Ai-tronics Systems, Sheldon Gabriel
AKM Semiconductor, Inc., Carl Bengtsson
Arrow, Shelby Schnurrenberger
BC Hydro, Tim Mosley
Belimo Americas, Aaron Nobel
Brainwave Research Corp., Rene Pardo
CABA, Andrew Glennie
CABA, Greg Walker
CABA, Marta Klopotowska
CABA, Sashien Godakandae
Cardinal Peak, Patrick French
Connectivity Standards Alliance (CSA), Christopher LaPré
Connectivity Standards Alliance (CSA), Michelle Mindala-Freemam
Consortium for Energy Efficiency CEE, Alice Rosenberg
Consortium for Energy Efficiency CEE, Patrick Casper
CornerSource, LLC, Lawrence Shields
Dokuz Eylül University, Selin Biçer
EMBARC.biz LLC, James Leveille
Frost & Sullivan, Maurice Okawaki
Gartner Inc., Jon Erensen
Honeywell International Inc., Sathish Nanjappa
Horizon Technologies Inc., Ludo Bertsch
ICF Consulting, Steve Leybourn
IMI Hydronic Engineering International SA, Bhumika Lathia
Jasco Products Company, Becky Black
Ken Wacks Associates, Ken Wacks
CHC Webinar

“The Connectivity Standards Alliance Unveils Matter, Formerly Known as Project CHIP” (30 min) – Michelle Mindala-Freeman (Connectivity Standards Alliance)

Description: Matter is the foundation for connected things. This industry unifying standard is a promise of reliable, secure connectivity—a seal of approval that devices will work seamlessly together, today and tomorrow. Matter is creating more connections between more objects, simplifying development for
manufacturers, and increasing compatibility for consumers. This collaborative breakthrough is built on proven technologies and guided by the Connectivity Standards Alliance (formerly Zigbee Alliance), whose members come together from across industries to transform the future of connectivity. CLICK HERE for more information.

CHC Meeting AGENDA

1. Agenda - Greg Walker (CABA)

Greg Walker (CABA) thanked everyone for attending, outlined the agenda and alerted everyone that the meeting was being recorded and will be made available to the industry.

2. Call to Order, Welcome and Introduction, about the CHC - Byron BeMiller (Semtech Corporation)

CHC Vice-Chair Byron BeMiller (Semtech Corporation) informed the CHC that that CHC Chair Eric Harper (Snap One) was unable to attend the meeting and he would be stepping in as the acting Chair for this meeting. Byron welcomed everyone and introduced: CHC Vice-Chair Charles Hume (Southwire Company, LLC), CHC White Paper Sub-Committee Chair Ken Wacks (Ken Wacks Associates), and Michelle Mindala-Freeman (Connectivity Standards Alliance). Byron also outlined the role of the CHC.

3. Administrative - Byron BeMiller (Semtech Corporation)

3.1 Motion to approve Past CHC Minutes

Byron BeMiller (Semtech Corporation) informed everyone that the meeting minutes from the February 22, 2021 CHC meeting were circulated and were posted on the CABA Web site in the CHC section: CLICK HERE. In addition, the CHC terms of reference, members and recorded presentations are also found HERE.

Motion to approve the February 22, 2021, CHC minutes was moved by Maurice Okawaki (Frost & Sullivan) and the motion was seconded by David Katz (Sustainable Resources Management Inc.). Unopposed motion carried.

4. Research Update - Charles Hume (Southwire Company, LLC)

“The Connected Home and AI” 2021 CHC Landmark Research - Charles Hume (Southwire Company, LLC)
Charles Hume (Southwire Company, LLC) gave a brief overview of how the CABA Board selected the 2021 CHC Landmark Research Project, “The Connected Home and AI”. Only the funders will receive the full $60,000 of research but the Executive Summary of the research will be available to CABA Members. Charles mentioned that the CHC is actively seeking funders for this research and outlined the funding levels (starting at $5,000).

Four (4) CABA members have already joined this research project:

5. **White Paper Sub-Committee Update** - Ken Wacks (Ken Wacks Associates)

An overview was given of the CHC White Paper review process, completed CHC White Papers and papers in progress. CHC 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 CHC White Paper Sub-Committee (WPSC), they
must have significant technical material of relevance to CHC members - they must not contain marketing material or promote an agenda. Any CABA member can and is encouraged complete the new one (1) page White Paper proposal template and submit it to walker@caba.org.

If needed, CABA will secure a writer and/or a Working Group for the paper. If a CABA Member brings forward a proposal but is not able to find an author for the paper, the Member will need to send CABA $500 USD. CABA will attempt to locate an author from one of many research firms. The $500 will be given to the author(s) as an honorarium for their work in writing the paper. If an author cannot be found, the $500 will be returned to the Member.

All completed and approved CABA White Papers are placed in the CABA Public Library, Members Library, CABA NewsBrief, CABA Twitter Feed, CABA LinkedIn Group and promoted at industry events. To view the CHC White Paper terms of reference, previous CHC White Papers and additional information, please go to: www.caba.org/cht. All completed CABA White Papers, and those under development, can be found at: www.caba.org/whitepapers.

If you or someone that you know would like to join one (1) or more of the following White Paper Working Groups or recommend a new White Paper, please contact Greg Walker (CABA) at walker@caba.org.

**CHC White Paper Sub-Committee (WPSC)**
- Ken Wacks Associates, Kenneth Wacks
- Frost & Sullivan, Konkana Khaund
- LumenCache, Inc., Derek Cowburn
- National Research Council Canada (NRC), Heather Knudsen

5.1 Recently Completed: None

5.2 In Progress:

“Part 2: Power over Ethernet (PoE) & Digital Electricity (DE) in Commercial and Multiple Dwelling Residential Buildings”

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and outlined the Working Group:

- Sinclair Digital Holdings (Chair)
- Axis Lighting
- Contemporary Controls Systems, Inc.
- Energy Metrics LLC
- Ken Wacks Associates
- LumenCache, Inc.
- National Electrical Manufacturers Association (NEMA)
Human Centric Lighting: Non-Energy Benefits of Lighting and its Smart Controls
Ken Wacks (Ken Wacks Associates) gave an overview of this paper and the organizations already committed to this Working Group.

- Legrand (Chair)
- ArcoLogix LLC
- exp. US Services, Inc.
- Human Centric Lighting Society
- Ken Wacks Associates
- Mecho
- SnapAV
- Syska Hennessy
- UL LLC

Connected Home Cybersecurity Regulations
Ken Wacks (Ken Wacks Associates) gave an overview of this paper and the organizations within the Working Group.

- P.A.ID Strategies (Chair)
- AgeLight LLC
- BC Hydro
- exp. US Services, Inc.
- LonMark International
- Mission Critical Global Alliance (MCGA)
- National Research Council Canada (NRC)
- Smart Buildings SuperCluster (SBSC)
- Sustainable Resources Management Inc.
- TwelveDot Inc.
- UL LLC

Part 2: The Evolution of Integrating LiFi Technology into Smart Lighting and Control Systems for the Intelligent Building
Ken Wacks (Ken Wacks Associates) gave an overview of this paper and those in the Working Group.

- Wharton County Junior College (Chair)
6. **New Business** – Byron BeMiller (Semtech Corporation)

6.1 Other new CHC business

Byron BeMiller (Semtech Corporation) made a call for new business such as: future CHC Guest/Keynote presentation topics and speakers, new CHC White Papers, new research projects and meeting ideas, etc. He also indicated that the next CHC meeting will be held late September or early October 2021 with details to be forwarded soon.

David Katz (Sustainable Resources Management Inc.) mentioned his colleague Michael Petgrave (CleanAir.ai) may be interested in giving a presentation to the CHC on a new smart air filter.

7. **Adjournment** (1:30 PM ET) - Byron BeMiller (Semtech Corporation)

Next CHC Meeting will be Late September or Early October 2021, the exact date will be announced shortly.

CABA CHC meetings are open to CABA Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the CHC, past minutes, participants, and terms of reference. Any CABA Member that attended as a guest will be added to the CHC unless they notify the CABA office by August 23, 2021 that their name should not be added. Non-CABA members that attended this meeting as a guest, should contact Greg Walker, CABA Research Director, to indicate if they wish to join the CHC or CABA. [CLICK HERE](#) for more information on the 24 CABA Benefits.

Regards,

Greg Walker  
Senior Director, Research Operations  
Continental Automated Buildings Association (CABA)  
Email: walker@caba.org