

Minutes (tentative as of 4-1-15)

GBI Consensus Body Meeting #3

BSR/GBI 01-201X

Webinar

Wednesday, January 7, 2015 12:00 Noon ET to 2:00 PM ET

Attendance:

No.	Name	Organization(s)	9-5-14	11-13-14	11-14-14	1-7-14
1	Greg Bergmiller	S/L/A/M Collaborative	X	X	X	X
2	Paul Bertram	Kingspan Insulated Panels, Inc.	X	X	X	X
3	Allan Bilka	International Code Council	X	X	X	Absent
4	Jeff Bradley	American Wood Council	X	X	X	X
5	William Carroll	Occidental Chemical Corp.	X			X
Alt	D’Lane Wisner	D’Lane Wisner (Voting Alternate for William Carroll)		X	X	
6	Chris Dixon	NBBJ (rep. self)	X	X	X	X
7	Nicole Dovel-Moore	CTA Architects Engineers	absent	X	X	X
8	Amber Dzikowicz	NSF International	X	X	X	X
9	David Eldridge	Grumman/Butkus Assoc.	X	X	X	X
10	William Freeman	Resilient Floor Covering Institute	X	X	X	X
11	Don Horn	GSA		X	X	X
Alt:	Lance Davis	GSA (Voting Alternate for Don Horn)	X			
12	Josh Jacobs	UL Environment	X			X
Alt:	Bill Hoffman	UL Environment (Voting Alternate for Josh Jacobs)		X	X	
13	Greg Johnson	Johnson Consulting Services, Greenspace	X	X	X	X

		Alliance, Outdoor Power Equipment Assn.				
14	Leslie Kahn	Admin. Office of the U.S. Courts	X	X	X	Absent
15	Malee Kaolawanich	NIH (rep. self)	absent	absent	absent	Absent
16	Rachel Minnery	AIA				
Alt	Paul Karrer	AIA (Alternate for Rachel Minnery)	X	X	X	X
17	Charles Kibert	University of Florida	X	X	X	X
18	John Koeller	Alliance for Water Efficiency	X	X	X	X
19	Jennifer Kowalonek	Alfred Benesch & Company	X	absent	absent	Absent
20	Michael Lehman	ConTech Lighting	X	X	X	X
21	Tom Meyer	NEBB	X	resigned		
22	Tien Peng	National Ready Mix Concrete Assn.	X	X	X	X
23	Bernadette Reyes	Clark Construction Group	X	absent	absent	X
24	Angela Rivera	URS Corporation (rep. self)	X	absent	absent	X
25	Jane Rohde	JSR Assoc. Inc., Vinyl Institute	X			X
Proxy	Jeff Bradley	AWC (served as proxy for Jane Rohde)		X	X	
26	Julie Sobelman	Independent Consultant	X	absent	absent	X
27	Kent Sovocool	Southern Nevada Water Authority	X	X	X	X
28	Steve Strawn	JELD-WEN	X	X	X	X
29	George Thompson	Chemical Compliance Systems, Inc.	X	X	X	X
30	Angela Tin	American Lung Assn.	X	X	X	X
31	Douglas Tucker	Misubishi Electric Cooling & Heating	X	X	X	X

32	Erika Winters Downey	American Institute of Steel Construction	X	X	X	Absent
TOTALS			30/32	27/31	27/31	26/31
Visitors						
	Martha Van Geem	Self	X	X	X	X
	Jonathon Humble	American Iron & Steel Institute	X			
	Kathleen Almand	National Fire Protection Assn.	X			
	Anne Bevan	Green Circle Certified	X			
	Abby Brokaw	American Lung Assn.	X	X	X	X
	Michael Jouaneh	Lutron Electronics		X	X	X
	Susan McGlaughlin Gitlin	U.S. EPA		X	X	X
	Dave Panning	BIFMA		X	X	X
	Doug Wolf	The Weidt Group		X	X	X
	Mike Cudahy	PPFA		X	X	X
	Brent Mecham	Irrigation Assn.		X	X	X
	Melanie Stanton	Turfgrass Producers International			X	
	Emily Lorenz					X
	Brad Miller	BIFMA				X
Staff/Consultants						
	Wayne Trusty	Chair	X	X	X	X
	Vicki Worden	GBI Secretariat, Worden Associates, Inc.	X	X	X	X
	Ron Jarnagin	Consultant	X			
	Jerry Yudelson	GBI President	X			
	Tom White	GBI Staff	X	X		
	Micah Thomas	GBI Staff	X			
	Emily Randolph	Secretariat Asst., Worden Associates, Inc.	X	X	X	X
	Jeff Rezin	Secretariat Asst.				

Wednesday, January 07, 2015

Welcome & Roll Call

Chair, Wayne Trusty, welcomed participants. Roll call established quorum and participants introduced themselves stating name and organization(s) represented. The antitrust statement was reviewed and participants were requested to comply with it fully. Worden introduced the Secretariat staff.

Worden noted that the public can participate as observers/visitors in both CB meetings and Subcommittee calls. CB member are the only ones permitted to vote at CB meetings. Likewise, appointed Subcommittee members are only permitted to vote during Subcommittee calls.

Motion: A motion was made, seconded and carried to approve the minutes from the November 13-14, 2014 meeting.

Abstaining: Josh Jacobs

Administrative Procedures and Related Matters

The agenda was reviewed with no changes made.

The membership roster was reviewed, noting that it is published online denoting interest categories and the organizations each individual is representing.

Worden stated that:

- GBI procedures require review of the membership roster at least annually;
- Rachel Minnery of AIA has been approved to replace Paul Karrer as the sitting CB member from AIA by ballot;
- There were now 31 sitting CB members and that quorum was a majority or 16;
- Voting Alternates (appear on the original application and were approved at the time of the election of the Consensus Body) and proxies (may vary from meeting to meeting but must be from same interest category); and
- At this meeting, there was one voting alternate (Paul Karrer for Rachel Minnery) and no members voting via proxy.

There was a discussion of new document policies for document sharing that included the addition of a disclaimer to all documents stating that they are a draft and not for public viewing. Under the new document policies drafts will only be shared with subcommittee members and consensus body members unless a request in made in writing to the secretariat. Dropbox access has also been limited to voting members of the subcommittees and consensus body.

Review Working Draft BSR/GBI 01-201X

Subcommittee Reports

Materials

Charles Kibert explained how the subcommittee has modified the structure by moving several sections out of Materials and into Project Management. These sections include 10.5 on Building service life and section 10.5-10.10 on Building Envelope. The Materials section has also had discussion surrounding EPDs and LCAs. They still need to rewrite the section on operational waste. In 10.6 they have removed multi-function assemblies. They have added a new section, 10.X on Sustainable Materials Attributes that covers recycled materials, salvage, etc. using several weighting factors. There is a spreadsheet available in Dropbox. It was asked if there was anything to address HPDs. The Materials section is considering the chemical transparency issues currently actively debated in the market (i.e., hazards, risks, HPDs, PTDs, etc.). There has been some discussion about approaching this issue area with a risk-based approach. There is also discussion of using an appendix to address these issues. The Materials Subcommittee will continue to have discussions on these and how to properly reference EPDs and LCAs.

Indoor Environment

Mike Lehman explained that there are no drastic changes to this section, though some sections have been moved. There's been some discussion in 12.1 regarding Mechanical vs. Natural Ventilation and whether there is a need for both in the standard. They are trying to keep this section as concise and simple as possible. The VOC section is being overhauled. Sections 12.2.2 and 12.2.3 are regarded as common practice and have been removed. The section pertaining to hot water systems is being revised with help from the water subcommittee. The subcommittee is working on broadening the section on indoor pollutants in light of the new medical marijuana regulations and the introduction of e-cigarettes to the market. Section 12.3.1 is being redesigned. They have added two new sections: 12.3.3 and 12.3.4 which address Lighting Quality and Lighting Sustainability respectively. Section 12.4 is being overhauled and section 12.5.2 is in revision. A question was asked about sight lighting and Lehman answered that Indoor Environment would like to work with the Site subcommittee regarding light trespass.

Site

Gregg Bergmiller discussed the progress made in the site subcommittee especially in regard to reworking the section on tree integration. Much of their focus has been on incorporating the Transportation section and figuring out new categories based around new trends in transportation. There has also been discussion regarding adding sections on fire-wise landscaping and working on incorporating more language about biodiversity and urban agriculture. Site has also eliminated the section on Bird Collisions, stating that it was more of a building envelope concern. A comment was made by a participant on the need to draw the line between criteria that would be "nice-to-have" versus those that we "need-to-have."

Water

Kent Sovocool reported that the water subcommittee has chosen to eliminate section 9.1.1.1, the performance path that used a water consumption calculator, in favor of a prescriptive approach. They are working on ensuring that their numbers are up-to-date and have reduced

some of the items included in the laboratory/medical equipment section. They are doing a lot of work in the pools and irrigation section. The question was raised as to how the section would address performance/monitoring of whole facilities and gallons/year. This question will be further discussed offline. Another question was asked about how they were going to tie water into building life cycle assessment, specifically the use of waste water.

Energy

David Eldridge stated that this subcommittee is working on revising the section so that it rewards those who go above and beyond best practices. They have developed two performance paths, one that follows ASHRAE 90.1 Appendix G and another that uses an Energy Model and Target Finder to establish a baseline. It was noted that Target Finder is not ideal for all types of buildings. There is also a prescriptive path and they are working on developing an outcome-based path although there is some question as to how such a path would be evaluated. The transportation section has been moved into Site. The question was raised regarding what the minimum criteria would be in relation to what is written in code. At this point they are considering making the most recent 90.1 the minimum but are uncertain as to whether or not they will make it a prerequisite.

Project Management

Bernadette Reyes explained that the section will likely be referred to as Project Management and Commissioning. They are reviewing 6.1 in an attempt to determine the definition of a charrette as well as what is the minimum amount of team participation in an Integrated Design Process. They are hashing out the differences between qualitative and performance area. They are also looking to include the development of a risk assessment plan and the discussion of IAQ during construction. A question was raised about how resilience can be translated into a question for the online assessment tool, specifically whether it should be a plan or something more robust. What is FEMA doing at this point? Another question was raised as to whether regulatory compliance and risk assessment should be cross referenced between Project Management and Materials.

Future Meetings

Worden noted that all public meetings are posted on GBI's website, which also provides tentative agendas. She noted that there are 250-350 stakeholders on GBI's public email list and they are notified of updates and developments. Public meetings and public comment periods are announced also in ANSI's *Standards Action* newsletter. She encouraged everyone to review GBI's website for the latest updates. She requested that members of the public that wish to be included in public meetings make requests as far in advance as possible (procedures encourage 10 days prior to a meeting).

The next meeting of the full consensus body will be held sometime in late March or early April. The exact date is still to be determined. The next in person meeting will be established at the beginning of the Public Comment period.

Additional Discussion Topics

Sustainable Interiors

The consensus body was asked to review Green Globes for Sustainable Interiors. GBI staff are hoping for feedback and would like to know when and how the Consensus Body might envision including it in the ANSI process. Worden suggested that perhaps the subcommittees could review Sustainable Interiors while the first draft is out for public comment.

Overall point allocation to each assessment area

It was stated that the subcommittees are still working with the current point allocations, but these points have not been finalized. The question was asked about the elimination of the Emissions section and where those points will be allocated. The emissions section is only a few credits and will likely be incorporated into another section. The question was also raised about the redistribution of points as pertaining to the criteria that have changed sections. The transfer of those points still needs to come back to the full consensus body for approval and should be addressed in the next Consensus Body meeting. The consensus body will wait to determine the minimum compliance requirements (e.g., percentage of points that need to be earned in each section or several sections) to gain certification.

Principles/Aspirational Statements

At the last Consensus Body meeting the subcommittees were asked to discuss the concepts of adding guiding principles into the document and/or creating aspiration statements for their sections. It was agreed that work will continue at a subcommittee level to evaluate these ideas. It was stated that these principles, if included, would be informative but not normative. It was suggested that the document begin with a statement of the guiding principles and then an appendix reference would cite which criteria would fall under each principle. Charles Kibert has worked on a concept and would be willing to continue evolution of the thought process.

Timeline

Worden also reviewed the timeline for the standard development:

- Jan 31, 2015 – each subcommittee finalizes content for review by other subcommittees
- Feb-Mar. 2015 – refine definitions, point allocations, draft appendices.
- Late March 2015 – Consensus Body Meeting #4
- Early 2nd Quarter 2015 – first draft ready for Public Comment

Adjournment

Motion: A motion was made, seconded and approved to adjourn the meeting at 1:50 pm ET.

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