

**Standards Project Liaison Subcommittee   
(SPLS)**

**MINUTES**

**ASHRAE Virtual Summer Meeting**

**June 15, 2021**

*These are not the official minutes until approved by SPLS*

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**SPLS Action Items**

**As of June 15, 2021**

Updates noted in red

|  |  |  |  |
| --- | --- | --- | --- |
| **SPC Virtual Summer Meeting 2021** | | | |
| **AI#** | **Action Item** | **Assigned** | **Status** |
| 1 | An action item was assigned to Larry Schoen to work with the chair of SSPC 127 to get the SSPC in balance. | Schoen | Open |
| **SPC Virtual Winter Meeting 2021** | | | |
| **AI#** | **Action Item** | **Assigned** | **Status** |
| 1 | An action item was assigned to SPC Kouma and Craig Wray to work with the Chair of SPC 129 to get the committee in balance.  Resolved in today’s meeting | Kouma and Wray | Closed |

**Standards Project Liaison Subcommittee   
June 15, 2021**

**MINUTES**

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# Introductions and Review of Agenda

The SPLS Spring Meeting Conference Call was called to order on June 15, 2021 at approximately 2:00 pm ET. Chair Susanna Hanson welcomed members, incoming members and guests and thanked members rolling off the committee for their service. The ASHRAE Code of Ethics were reviewed. The following members, guests and staff were in attendance:

|  |  |
| --- | --- |
| **Members Present**  Susanna Hanson  Chip Barnaby  Thomas Cappellin  Douglas Fick  Walter Grondzik  Gerald Kettler  Jay Kohler  Larry Kouma  Jim Lutz  Karl Peterman  Erick Phelps  Lawrence Schoen  Richard Swierczyna  Christian Taber  Rusty Tharp  Craig Wray | **Members Not Present**  None  **Staff**  Connor Barbaree, *Sr. MOS*  DD Latham, *AA*  Susan LeBlanc, *SA*  Ryan Shanley, *MOS Int’l.*  **Guests**  Don Brundage  Dru Crawley  Rick Heiden  Paul Lindahl  Larry Markel  Margaret Mathison  Justin Prosser  Dave Robin |

# Approval of Minutes

It was moved by Craig Wray and seconded by Walter Grondzik:

**1** That the SPLS Spring Meeting Minutes be approved.

**MOTION PASSED.** 13-0-1[[1]](#footnote-1) CNV

# Action items

SPLS reviewed the [action items](#Actionitems) as noted above.

# Proposed TPS Changes

It was moved by Larry Schoen and seconded by Craig Wray:

**2** That proposed changes to the TPS for Standard 227, *Passive Building Design Standard*, be approved as shown in [Attachment A](#AttA).

**MOTION PASSED.** 13-1[[2]](#footnote-2) -1[[3]](#footnote-3) CNV

# Public Review Drafts

It was moved by Chip Barnaby and seconded by Craig Wray:

**3** That BSR/ASHRAE/IES Addendum *ag* to ANSI/ASHRAE/IES Standard 90.1-2019*, Energy Standard for Buildings Except Low-Rise Residential Buildings*, be approved for publication public review.

**MOTION PASSED.** 14-0-1[[4]](#footnote-4) CNV

It was moved by Walter Grondzik and seconded by Craig Wray:

**4** That BSR/ASHRAE Addendum *f* to Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings*, be approved for publication public review.

**MOTION PASSED.** 14-0-0 CNV

It was moved by Walter Grondzik and seconded by Craig Wray:

**5** That BSR/ASHRAE Addendum *g* to Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication public review.

**MOTION PASSED.** 14-0-0 CNV

It was moved by Walter Grondzik and seconded by Craig Wray:

**6** That BSR/ASHRAE Addendum *aq* to Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication public review.

**MOTION PASSED.** 14-0-0 CNV

It was moved by Walter Grondzik and seconded by Craig Wray:

**7** That BSR/ASHRAE/IES Addendum *ag* to ANSI/ASHRAE/IES Standard 90.1-2019*, Energy Standard for Buildings Except Low-Rise Residential Buildings*, be approved for publication public review.

**MOTION PASSED.** 14-0-1[[5]](#footnote-5) CNV

# Membership

It was moved by Larry Schoen and seconded by Chip Barnaby:

**8** That revisions to the membership roster for SSPC 127, *Method of Testing for Rating Air Conditioning Units Serving Data Center (DC) and other Information Technology Equipment (ITE) Spaces*, as amended and shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-1[[6]](#footnote-6) CNV

*An action item was assigned to Larry Schoen to work with the chair of SSPC 127 to get the SSPC in balance.*

It was moved by Larry Schoen and seconded by Walter Grondzik:

**9** That revisions to the membership roster for SPC 227, *Passive Building Design Standard*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-1[[7]](#footnote-7) CNV

It was moved by Chip Barnaby and seconded by Craig Wray:

**10** That revisions to the membership roster for SSPC 15, *Safety Standard for Refrigeration Systems*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 12-0-2[[8]](#footnote-8) CNV

It was moved by Chip Barnaby and seconded by Rusty Tharp:

**11** That revisions to the membership roster for SSPC 34, *Designation and Safety Classification of Refrigerants*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[9]](#footnote-9) CNV

It was moved by Chip Barnaby and seconded by Rusty Tharp:

**12** That revisions to the membership roster for SSPC 90.1, *Energy Standards for Buildings Except Low-Rise Residential Buildings*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[10]](#footnote-10) CNV

It was moved by Chip Barnaby and seconded by Rusty Tharp:

**13** That revisions to the membership roster for SSPC 90.2, *Energy Efficient Design of Low-Rise Residential Buildings*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Chip Barnaby and seconded by Rusty Tharp:

**14** That revisions to the membership roster for SSPC 135, *BACnet - A Data Communication Protocol for Building Automation and Control Networks*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Tom Cappellin and seconded by Craig Wray:

**15** That revisions to the membership roster for SSPC 30,*Method of Testing Liquid Chillers*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Tom Cappellin and seconded by Larry Kouma:

**16** That revisions to the membership roster for SPC 40, *Methods of Testing for Rating Heat Operated Unitary Air-Conditioning and Heat-Pump Equipment*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Tom Cappellin and seconded by Larry Kouma:

**17** That revisions to the membership roster for SSPC 221,*Test Method to Field-Measure and Score the Cooling and Heating Performance of an Installed Unitary HVAC System*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Doug Fick and seconded by Jim Lutz:

**18** That revisions to the membership roster for SGPC 41, *Design, Installation and Commissioning of Variable Refrigerant Flow Systems*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[11]](#footnote-11) CNV

It was moved by Doug Fick and seconded by Rusty Tharp:

**19** That revisions to the membership roster for SSPC 164, *Methods of Test for Humidifiers*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Doug Fick and seconded by Rusty Tharp:

**20** That revisions to the membership roster for SPC 220, *Method of Testing for Rating Small Commercial Blast Chillers, Chiller-Freezers, and Freezers*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Walter Grondzik and seconded by Doug Fick:

**21** That revisions to the membership roster for SSPC 169, *Climatic Data for Building Design Standards*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Walter Grondzik and seconded by Doug Fick:

**22** That revisions to the membership roster for SSPC 188, *Legionellosis: Risk Management for Building Water Systems*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Walter Grondzik and seconded by Doug Fick:

**23** That revisions to the membership roster for SSPC 189.1, *Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Walter Grondzik and seconded by Larry Kouma:

**24** Withknowledge of an unbalanced committee, that revisions to the membership roster for SSPC 189.3, *Design Construction & Operation of High Performance Sustainable Health Care Facilities*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[12]](#footnote-12) CNV

It was moved by Walter Grondzik and seconded by Doug Fick:

**25** That revisions to the membership roster for SPC 514, *Risk Management for Building Water Systems: Physical, Chemical and Microbial Hazards*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Doug Fick and seconded by Larry Kouma:

**26** That revisions to the membership roster for GPC 37, *Application of Upper-Air (Upper Room) Ultraviolet Germicidal (UV-C) Devices to Control the Transmission of Airborne Pathogens*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Doug Fick and seconded by Walter Grondzik:

**27** That revisions to the membership roster for SPC 35, *Method of Testing Refrigerant Driers and Desiccant Materials*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Doug Fick and seconded by Walter Grondzik:

**28** That revisions to the membership roster for SPC 37, *Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Doug Fick and seconded by Walter Grondzik:

**29** That revisions to the membership roster for SSPC 52.2, *Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Doug Fick and seconded by Walter Grondzik:

**30** That revisions to the membership roster for SPC 229,*Protocols for Evaluating Ruleset Implementation in Building Performance Modeling Software*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Jay Kohler and seconded by Rusty Tharp:

**31** That revisions to the membership roster for GPC 44, *Protecting Building Occupants from Smoke During Wildfire and Prescribed Burn Events*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Jay Kohler and seconded by Rusty Tharp:

**32** That revisions to the membership roster for SSPC 72,*Method of Testing Open and Closed Commercial Refrigerators and Freezers*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Larry Kouma and seconded by Doug Fick:

**33** That revisions to the membership roster for SSPC 90.4,*Energy Standard for Data Centers*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Larry Kouma and seconded by Doug Fick:

**34** That revisions to the membership roster for SPC 129, *Air Exchange Effectiveness*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[13]](#footnote-13), CNV

It was moved by Larry Kouma and seconded by Craig Wray:

**35** That revisions to the membership roster for SSPC 140, *Method of Test for the Evaluation of Building Performance Simulation Software*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[14]](#footnote-14), CNV

It was moved by Larry Kouma and seconded by Rusty Tharp:

**36** That revisions to the membership roster for SSPC 145, *Test Method for Assessing the Performance of Gas Phase Air Cleaning Equip*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Larry Kouma and seconded by Craig Wray:

**37** That revisions to the membership roster for SSPC 160, *Criteria for Moisture-Control Design Analysis in Buildings*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Jim Lutz and seconded by Doug Fick:

**38** That revisions to the membership roster for GPC 35, *Method for Determining the Energy Consumption Caused by Air-Cleaning and Filtration Devices*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Jim Lutz and seconded by Walter Grondzik:

**39** That revisions to the membership roster for SPC 155, *Method of Testing for Rating Commercial Space Heating Boiler Systems*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Jim Lutz and seconded by Larry Kouma:

**40** That revisions to the membership roster for SPC 205, *Representation of Performance Data for HVAC&R and other Facility Equipment*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[15]](#footnote-15), CNV

It was moved by Karl Peterman and seconded by Doug Fick:

**41** That revisions to the membership roster for SGPC 13, *High Performance Sequences of Operation for HVAC Systems*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Karl Peterman and seconded by Craig Wray:

**42** That revisions to the membership roster for SSPC 41,*Standard Methods of Measurement*, as amended and shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 12-0-2[[16]](#footnote-16), CNV

*Secretary’s note: Craig Wray withdrew his name from consideration because he applied to the 41.2 subcommittee and the Chair assigned him to the 41.3 subcommittee.*

It was moved by Karl Peterman and seconded by Rusty Tharp:

**43** That revisions to the membership roster for SSPC 55, *Thermal Environmental Conditions for Human Occupancy*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Karl Peterman and seconded by Craig Wray:

**44** That membership items 1 – 15 to the membership roster for SSPC 62.1, *Ventilation for Acceptable Indoor Air Quality*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

*Secretary’s note: Membership items 16-19 were removed from the recommendation because the recommended term extensions were removed from consideration because the members’ terms were not up for reappointment.*

It was moved by Karl Peterman and seconded by Craig Wray:

**45** That proposed interest categories for SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*, be approved.

**MOTION WITHDRAWN**

*Secretary’s note: The proposed interest categories as submitted were brought forward to StdC and approved during its meeting of June 25th.*

It was moved by Karl Peterman and seconded by Craig Wray:

**46** That membership items 1 and 9 to the membership roster for SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

*Secretary’s note: Membership items 2 – 8 were not moved forward because the proposed interest categories were not approved, and the proposed membership recommendations needed to be revisited. The membership recommendations as proposed were brought forward to StdC and approved during its meeting of June 25th.*

It was moved by Karl Peterman and seconded by Rusty Tharp:

**47** That revisions to the membership roster for SSPC 161, *Air Quality Within Commercial Aircraft*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 15-0-0, CNV

It was moved by Erick Phelps and seconded by Craig Wray:

**48** That revisions to the membership roster for GPC 23, *Guideline for the Design and Application of Heating, Ventilation, and Air-Conditioning Equipment for Rail Passenger Vehicles*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Erick Phelps and seconded by Craig Wray:

**49** That revisions to the membership roster for SSPC 100, *Energy Efficiency in Existing Buildings*, as shown in [Attachment](#AttB) B, be approved.

It was moved by Craig Wray and seconded by Walter Grondzik:

**49A** That the motion be amended to change the reappointment of Wayne H. Stoppelmoor as Chair and PCVM-Producer for a one-year term beginning July 1, 2021 and ending June 30, 2022

**MOTION 49A PASSED.** 12-2-0, CNV

**MOTION 49 AS AMENDED PASSED.** 14-0-0, CNV

It was moved by Christian Taber and seconded by Craig Wray:

**50** That revisions to the membership roster for SGPC 36, *High Performance Sequences of Operation for HVAC Systems*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Christian Taber and seconded by Craig Wray:

**51** That revisions to the membership roster for SPC 110, *Method of Testing Performance of Laboratory Fume Hoods*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Christian Taber and seconded by Rusty Tharp:

**52** That revisions to the membership roster for SSPC 147, *Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems*, as shown in [Attachment](#AttB) B, be approved subject to confirmation of interest categories.

**MOTION PASSED.** 14-0-0, CNV

*Secretary’s note: The interest categories listed in the proposed balance was subsequently confirmed to be Leak Producer (as recommended for Christopher W. Williams), instead of the listed Producer category.*

It was moved by Christian Taber and seconded by Craig Wray:

**53** That revisions to the membership roster for SPC 231,*CDL - A Control Description Language for Building Environmental Control Sequences*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Christian Taber and seconded by Walter Grondzik:

**54** That revisions to the membership roster for SSPC 300, *Commissioning*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 11-0-3[[17]](#footnote-17), CNV

It was moved by Rusty Tharp and seconded by Larry Kouma:

**55** That revisions to the membership roster for SPC 16, *Method of Testing for Rating Room Air-Conditioners, Packaged Terminal Air Conditioners and Packaged Terminal Heat Pumps for Cooling and Heating Capacity*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Rusty Tharp and seconded by Doug Fick:

**56** That revisions to the membership roster for SSPC 170, *Ventilation of Health Care Facilities*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 13-0-1[[18]](#footnote-18), CNV

It was moved by Craig Wray and seconded by Rusty Tharp:

**57** That revisions to the membership roster for GPC 14, *Measurement of Energy, Demand and Water Savings*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

It was moved by Craig Wray and seconded by Rusty Tharp:

**58** That revisions to the membership roster for SPC 209, *Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings*, as shown in [Attachment](#AttB) B, be approved.

**MOTION PASSED.** 14-0-0, CNV

# Liaison Reports

Liaison reports were reviewed, and updates were given from liaisons who did not have a report. The liaisons rolling off were requested to provide a status report to the incoming members who will inherit their committees.

# New Business

SPLS held a discussion regarding issues regarding the Online Membership Application and Chairs Porta to ensure the system is used properly by members and that PC Chairs are not accepting changes automatically. Recommendations for consideration included:

1. The system should not be able to apply when term is not expiring.
2. The system seems to be automatically providing term end dates.
3. Consider adding automatic roll off after serving 2 terms.
4. Consider having membership terms readily available.
5. Consider providing a full roster with all terms served.
6. Consider automatically copying SPLS liaison or have liaison sign-off of the Chairs. recommendation form. SPLS liaison to ask chairs to send recommendations to liaisons for review and approval prior to submitting final recommendation.
7. Consider decoupling conflict of interest form from application process.

# Next Meeting

• ASHRAE Summer Meeting 2021 – August, if needed

• ASHRAE Fall Meeting 2021 – mid-October, TBD

# Adjournment

The conference call adjourned at approximately 6:05 PM ET.

# Attachments

[Attachment A](#AttA)



Attachment B



1. Rusty Tharp abstained because he was not present for the meeting. [↑](#footnote-ref-1)
2. Craig Wray voted no stating, “The reason that I voted no is that it is unclear why the provided rationale states that commissioning and re-commissioning should be required, but they are not included in the purpose or scope. At least to me, operation or a plan for operation does not include commissioning.” [↑](#footnote-ref-2)
3. Walter Grondzik abstained because he is a member of the SPC. [↑](#footnote-ref-3)
4. Christian Taber abstained because he is a member of the SSPC. [↑](#footnote-ref-4)
5. Doug Fick abstained because he is a member of the SSPC. [↑](#footnote-ref-5)
6. Walter Grondzik abstained because he is a member of the SSPC. [↑](#footnote-ref-6)
7. Walter Grondzik abstained because he is a member of the SPC. [↑](#footnote-ref-7)
8. Jay Kohler abstained because is a member of the SSPC. [↑](#footnote-ref-8)
9. Walter Grondzik abstained because he is a member of the SPC. [↑](#footnote-ref-9)
10. Christian Taber abstained because he is a member of the SPC. [↑](#footnote-ref-10)
11. Tom Cappellin abstained because he is a member of the SGPC. [↑](#footnote-ref-11)
12. Doug Fick abstained because he is a member of the SSPC. [↑](#footnote-ref-12)
13. Craig Wray abstained because he is a member of the SPC. [↑](#footnote-ref-13)
14. Jim Lutz abstained because he is a member of the SSPC. [↑](#footnote-ref-14)
15. Chip Barnaby abstained because he the Chair of the SPC. [↑](#footnote-ref-15)
16. Craig Wray abstained because he was a proposed member of the SSPC. Jim Lutz abstained because he is a member of the SSPC. [↑](#footnote-ref-16)
17. Walter Grondzik, Jerry Kettler and Tom Cappellin abstained because they are members of the SSPC. [↑](#footnote-ref-17)
18. Erick Phelps abstained because he is a member of the SSPC. [↑](#footnote-ref-18)