

**Standards and Standards Innovation SMDC
Test and Diagnostic for Electronic Systems
Standards Committee
(S&SI/SCC20)**

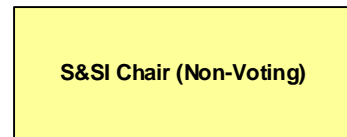
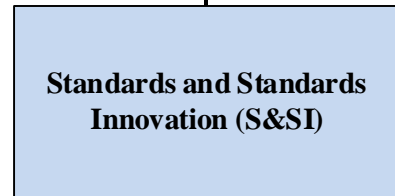
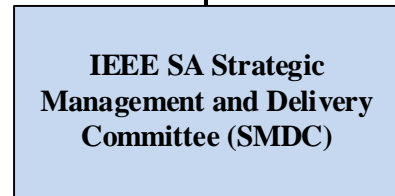
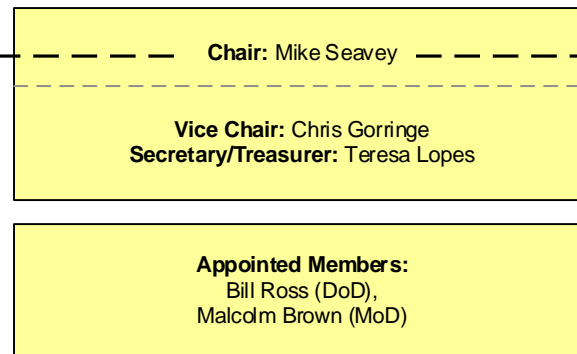
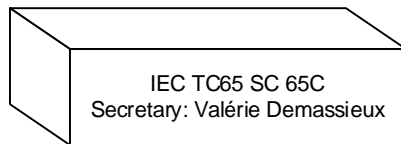
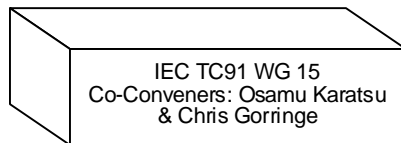
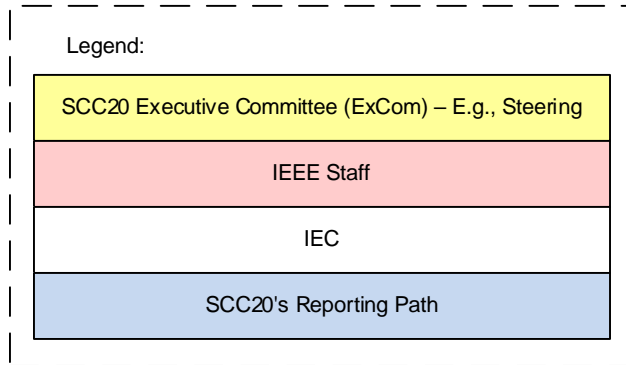
Our new name

**Chairs Report
May 10, 2022**

*Mike Seavey
Draft 4
May 6, 2022*

2022 SCC20 Organization

(1 of 2)



2022 SCC20 Organization

(2 of 2)

**IEEE-P1641
STD**
Revision of IEEE-1641-2010

WG Chair: Chris Gorringe

In Sponsor Ballot Process

IEEE-P1636.1 Cor 1
SIMICA: Test Results
Corrigenda to IEEE-1636.1-2018

WG Chair: Anand Jain

P1671.1 Cor 1
ATML: Test Description
Corrigenda to IEEE-1671.1-2017

WG Chair: Ion Neag

Active Working Groups (Revision or Corrigenda to a Published Standard)

P2848
Prognostics and Health
Management for ATS

WG Chair: John Sheppard

Active Working Group (New Standard)

I formed the right two on October 21, 2021

**IEEE-488.1-2003 &
IEEE-488.2-1987**
Digital I/F for Programmable
Instruments & Std. Codes,
Formats, Protocols, Commands

Chair: Mike Seavey

**Support of JSON File Formats
In each ATML Standard
(1671 Family of Standards)**

Chair: TBD (Anand & Teresa)

**2020 Survey Responses –
What is the Path Forward?
(1671 Family of Standards)**

Chair: TBD (Ion & Chris)

Study Groups (Revision/Ballot of Standards)

SCC20 Standards Tracking

Type	Publication	Project	PAR by	PAR Approval Date	PAR Expiration Date	Valid Standard Until	Notes
Standard	488.1-2003	—	—	—	—	3/19/2019	IEEE Has Requested This Remain Active
Standard	488.2-1992	—	—	—	—	6/17/2020	IEEE Has Requested This Remain Active
Standard	716-1995(R2011)	—	—	—	—	12/31/2021	Moves to inactive
Users Guide	771-1998(R2009)	—	—	—	—	12/9/2019	Moves to inactive
Standard	1232-2010	—	—	—	—	12/8/2020	
Users Guide	1232.3-2014	—	—	—	—	12/31/2024	
Standard	1445-2016	—	—	—	—	12/8/2026	IEEE Published February 2017
Standard	1505-2010	—	—	—	—	9/30/2020	Moves to inactive
Standard	1505.1-2019	—	—	—	—	12/31/2029	Moves to inactive
Standard	1505.3-2015	—	—	—	—	12/31/2025	Moves to inactive
Users Guide	1546-2000(R2011)	—	—	—	—	12/31/2021	This was the 1445 guide, incorporated in the latest standard moves to inactive
Standard	1636-2018	—	2025	—	—	12/31/2029	Published February 28, 2019
Standard	1636.1-2018	P1636.1 Cor 1	—	June 4, 2019	December 31, 2023	12/31/2029	Published March 8, 2019
Standard	1636.2-2018	—	2025	—	—	12/31/2029	Published March 8, 2019
Standard	1636.99-2013	—	—	—	—	12/31/2023	Moves to inactive
Standard	1641-2010	P1641	—	December 7, 2016	December 31, 2022	6/17/2020	In Sponsor Ballot Resolution
Users Guide	1641.1-2013	—	2019	—	—	12/31/2023	
Amendment	1641.1a-2018	—	—	—	—	12/31/2028	Published March 8, 2018
Standard	1671-2010	—	2016	—	—	9/30/2020	
Standard	1671.1-2017	P1671.1 Cor 1	—	November 7, 2019	December 31, 2023	12/31/2027	Published March 19, 2018
Standard	1671.2-2012	—	2018	—	—	12/31/2022	
Standard	1671.3-2017	—	2023	—	—	12/31/2027	Published April 13, 2018
Standard	1671.4-2014	—	2020	—	—	12/31/2024	
Standard	1671.5-2015	—	2021	—	—	12/31/2025	
Standard	1671.6-2015	—	2021	—	—	12/31/2025	
Recommended Practice	1871.1-2014	—	2020	—	—	12/31/2024	
Recommended Practice	1871.2-2017	—	2023	—	—	12/31/2027	Published March 14, 2018
Standard		P2848		November 7, 2019	December 31, 2023		
As of 4/21/2022		Address		Active PARs		In Ballot	

Standards Activities since the 21-1 Report

- Revision of 1641.
 - Initial Sponsor ballot has been conducted.
 - Comment resolution group was formed.
 - Began work addressing comments the end of March.
 - There will be a recirculation ballot.
- Corrigenda for 1636.1.
 - The corrigenda is not ready to be submitted to SCC20 Steering for approval to move to MEC.
 - I suggest a meeting of the WG at the SCC20 22-2 meeting.
- Corrigenda for 1671.1.
 - The corrigenda is not ready to be submitted to SCC20 Steering for approval to move to MEC.
 - I suggest a meeting of the WG at the SCC20 22-2 meeting.
- P2848 Prognostics and Health Management for ATS.
 - Work commenced in 2021 through monthly WebEx meetings.

Standards Activities since the 21-1 Report

- Last fall we agreed to keep the ATML Standards active.
 - Both the Seven 1671 Standards and the Two 1871 Recommended Practices
 - Do we want to create and submit 9 PARs to SCC20 ‘steering’ and NesCom “now” ?

Chairs Activities since the 21-1 Report

(1 of 4)

- SCC20 Financial Report.
 - Submitted in January.
- SCC20 Chair.
 - I was reappointed by the Standards Board.
- IEEE S&SI Ad Hoc on Transitioning SCC's into S&SI SMDC.
 - I was appointed by the IEEE SA as a member of this Ad Hoc.

Acronym	Meaning
SCC	<u>S</u> tandards <u>C</u> oordinating <u>C</u> ommittee (now obsolete)
S&SI	<u>S</u> tandards & <u>S</u> tandards <u>I</u> nnovation
SMDC	<u>S</u> trategic <u>M</u> anagement and <u>D</u> elivery <u>C</u> ommittee

The S&SI SMDC reports directly to the IEEE SA Board of Governors

SMDCs are established by the IEEE SA Board of Governors (BOG) to address strategic focus areas that are necessary and critical for the IEEE SA to achieve long-term organizational objectives.

Chairs Activities since the 21-1 Report

(2 of 4)

- IEEE S&SI Ad Hoc on Transitioning SCC's into S&SI SMDC.
 - Kickoff meeting was April 13, second meeting was May 4.
 - Ad Hoc Scope:
 - “To guide the transition of former SASB SCCs [SCC14, SCC20, SCC21, SCC39] into Standards Committees reporting to the S&SI SMDC, including updating their operating procedures into the current Standards Committee baseline, and addressing issues such as appointment/election of officers, appeal procedures, default corrective action for dominance, and timing/methodology for reporting.”

Note: the IEEE-SA Permits the SCCs to operate under their current P&Ps until December 31, 2022, or until acceptance by AudCom/SASB of updated P&Ps, whichever is sooner.

S&SI: Standards and Standards Innovation

SMDC: Strategic Management and Development Committee

Chairs Activities since the 21-1 Report

(3 of 4)

- Ad Hoc Roster

- **Chair:** Mehmet Ulema
- **IEEE Staff:** Erin Morales, Dave Ringle
- **Members:**
 - Dan Sabin - Member, S&SI SMDC
 - Mike Seavey - Chair, SCC20 Test and Diagnosis for Electronic Systems
 - Mark Sira - Chair, SCC21 Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage (Wayne Stec representing SCC21)
 - Doug Edwards - Chair, SCC14 Quantities, Units and Letter Symbols
 - Jafar Keshvari - Chair, SCC39 International Committee on Electromagnetic Safety
- Gary Hoffman - Chair, S&SI SMDC (Ex Officio)




Note: SCC22 has been disbanded (Power Quality as a Standard Committee) The work in this SCC has been transferred into PES (the Power and Energy Society) as a subcommittee.

It is my understanding that SCC14 is temporarily moving to S&SI SMDC

Chairs Activities since the 21-1 Report

(4 of 4)

- Work Plan

1. Have a Draft of the SCC20 P&P in the Standards Committee Template Format.  May 2022
 - The SCC Type 2 template and Standards Committee template are not identical.
 - Plan is to post a copy on the SCC20 website.
2. Submit the SCC20 P&P to the S&SI SMDC for approval.  June 2022
3. Submit the SCC20 P&P approved by S&SI SMDC to AudCom for approval at their December SASB meeting.  Sept 2022
 - Have the SCC20 P&P approved by December.

Note: the SA submittal deadline for their December meetings is September

Note: the SA deadline of December 31, 2022, DOES NOT APPLY to our SCC20 Working Group P&Ps

SCC20 22-2 Meeting

- Due to the pandemic, we have not had a face-to-face meetings since 2019.
- Autotestcon is August 29-September 1.
 - Gaylord National Convention Center, National Harbor, Maryland
- The Autotestcon Committee would like us to meet in conjunction with the Conference.
 - I have not committed us to a Day.
 - NDIA meets Noon-5pm Sunday August 28
 - A Face-to-Face plus Call-in Meeting is a possibility.
- We need to work the 2 Corrigenda's and get them to Steering and into Sponsor Ballot.
- We will have Steering items to address this fall.
 - Such as PAR's, and/or PAR extensions, Study Groups

Thoughts?

Questions?

