

# Test and Diagnosis for Electronic Systems Standards Committee (SCC20)

*Chairs Report*  
*August 31, 2023*

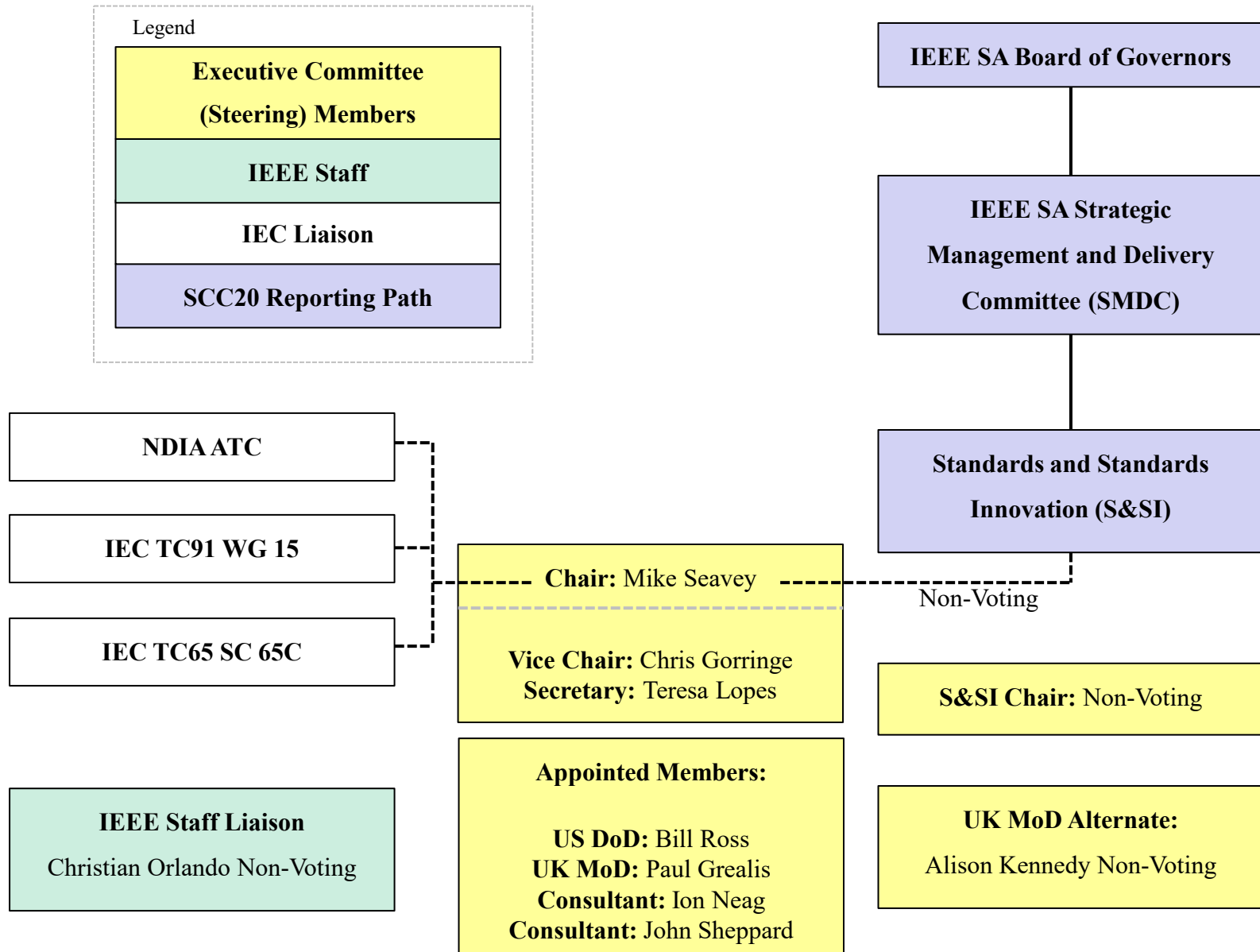
*Mike Seavey*  
*Draft 3*  
*August 25, 2023*

# For Disclosure

- I Retired from Northrop Grumman on July 15, 2022.
  - In the foreseeable future:
    - I will continue as SCC20 Chair.
      - I was appointed Chair by S&SI for the next 3 years (2023, 2024, and 2025).
    - I will continue with Standards Activities, both IEEE and IEC.
    - I will continue with U.K. CATS4D Activities.
    - I will continue with NDIA Automatic Test Committee (ATC) Activities.
- I am an IEEE Autotestcon 2023 Technical Program Co-Chair.
  - I have been either a Co-Chair or the Chair for each of the last 5 Autotestcon Conferences.

# 2023 SCC20 Organization

(1 of 2)



# 2023 SCC20 Organization

## Working Groups

(2 of 2)

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

**WG Chair:** Anand Jain

In the Ballot Process

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

**WG Chair:** Ion Neag

In the Ballot Process

IEEE P2848  
Standard for Prognostics and Health  
Management in Automatic Test Systems

**WG Chair:** John Sheppard

In Working Group

IEEE P1871.3  
Recommended Practice for Using JavaScript  
Object Notation (JSON) with XML-based  
Data Models for Test and Diagnosis for  
Electronic Systems

**WG Chair:** Anand Jain

New Working Group

IEEE P1671  
Standard for Automatic Test Markup Language  
(ATML) for Exchanging Automatic  
Test Equipment and Test Information via  
eXtensible Markup Language

**WG Chair:** Mike Seavey

New Working Group

# SCC20 Standards Tracking

| Type                 | Publication      | Project       | PAR by | PAR Approval Date | PAR Expiration Date | Notes                                   |
|----------------------|------------------|---------------|--------|-------------------|---------------------|---|
| Standard             | 488.1-2003       | —             |        | —                 | —                   | Have Drafted a PAR for the Revision     |
| Standard             | 488.2-1992       | —             |        | —                 | —                   | Have Drafted a PAR for the Revision     |
| Standard             | 716-1995(R2011)  | —             |        | —                 | —                   |   |
| Users Guide          | 771-1998(R2009)  | —             |        | —                 | —                   |   |
| Standard             | 1232-2010        | —             | —      | —                 | —                   | Have Drafted a PAR for the Revision     |
| Users Guide          | 1232.3-2014      | —             | —      | —                 | —                   |   |
| Standard             | 1445-2016        | —             | —      | —                 | —                   |   |
| Standard             | 1505-2010        | —             | —      | —                 | —                   |   |
| Standard             | 1505.1-2019      | —             | —      | —                 | —                   |   |
| Standard             | 1505.3-2015      | —             | —      | —                 | —                   |   |
| Users Guide          | 1546-2000(R2011) | —             | —      | —                 | —                   |   |
| Standard             | 1636-2018        | —             | 2025   | —                 | —                   |   |
| Standard             | 1636.1-2018      | P1636.1 Cor 1 | —      | June 4, 2019      | December 31, 2025   | 2 year PAR Extension approved June 2023 |
| Standard             | 1636.2-2018      |               | 2025   | —                 | —                   |   |
| Standard             | 1636.99-2013     | —             | —      | —                 | —                   |   |
| Standard             | 1641-2022        | —             | —      | —                 | —                   |   |
| Users Guide          | 1641.1-2013      | —             | 2019   | —                 | —                   |   |
| Amendment            | 1641.1a-2018     | —             | —      | —                 | —                   |   |
| Standard             | 1671-2010        | P1671         | —      | June 29, 2023     | December 31, 2027   | PAR for the Revision of 1671-2010       |
| Standard             | 1671.1-2017      | P1671.1 Cor 1 | —      | November 7, 2019  | December 31, 2025   | 2 year PAR Extension approved June 2023 |
| Standard             | 1671.2-2012      | —             | 2018   | —                 | —                   |   |
| Standard             | 1671.3-2017      | —             | 2023   | —                 | —                   |   |
| Standard             | 1671.4-2014      | —             | 2020   | —                 | —                   |   |
| Standard             | 1671.5-2015      | —             | 2021   | —                 | —                   |   |
| Standard             | 1671.6-2015      | —             | 2021   | —                 | —                   |   |
| Recommended Practice | 1871.1-2014      | —             | 2020   | —                 | —                   |   |
| Recommended Practice | 1871.2-2017      | —             | 2023   | —                 | —                   |   |
| Recommended Practice |                  | P1871.3       | —      | June 29, 2023     | December 31, 2027   | PAR for a New Recommended Practice      |
| Standard             |                  | P2848         |        | November 7, 2019  | December 31, 2023   | PAR for a New Standard                  |
|                      |                  |               |        |                   |                     |   |
|                      | As of 7/26/2023  |               |        |                   | Active PARs         |   |

# Standards Activities since the 23-1 Meeting

- Corrigenda for IEEE Std.1636.1-2018.
  - The Ballot Passed with 0 comments on August 25.
- Corrigenda for IEEE Std.1671.1-2017.
  - Initial Ballot Failed – Comments were received & an insufficient number of balloters initially voted. The ballot period was extended to get the necessary balloters.
  - Ballot Resolution was held Sunday.
  - A Recirculation Ballot will be conducted.
- P2848 Prognostics and Health Management for ATS.
  - Working Group continues to meet electronically, primarily on a once per month schedule.
  - The Working Group will not be meeting this week.
  - A 2-year PAR Extension was addressed Sunday by Steering.

# Chairs Activities since the 23-1 Meeting

- IEEE Required Training for Chairs, Vice Chairs, Secretaries, Treasurers.
  - For both the Committee and Working Group level Chairs, Vice Chairs, Secretaries, Treasurers.
- There are 3 training classes (I have completed all 3)
  - 1 is optional
  - Who received an email to complete training earlier this year?
  - Who has completed the training?
    - The emails from the IEEE state that completing the training is required, and must be completed by a certain date, or action will be taken.

# Chairs Activities since the 23-1 Meeting

[IEEE](#) > [General](#) > [Volunteer Training](#)

## Articles in this section

IEEE SA Volunteer  
Required Training

Volunteer ILN User  
Guide

## IEEE SA Volunteer Required Training

6 months ago · Updated

[Follow](#)

The SASB resolved that the **Understanding IEEE SA's Antitrust, Competition, and Commercial Terms Policies training** shall be completed by Standards Committee/Working Group Officers within 90 days of appointment as such or by 31 December 2023, whichever is later.

Completion of *Working Group Chair Fundamentals* is now **optional**.

### [Understanding IEEE SA's Antitrust, Competition, and Commercial Terms Policies](#)

45 minutes | 0.1 CEU/1 PDH

### [Working Group Chair Fundamentals \(WGCF\)](#)

5 hours | 0.4 CEU/4 PDH

These courses are also made available to all volunteers who participate in IEEE SA standards development.

Training is available through the [IEEE Learning Network \(ILN\)](#).

## FAQs

- [How do I enroll in an IEEE SA required course?](#)
- [What username and password do I use to log into ILN?](#)
- [Who is required to take IEEE Standards Association \(IEEE SA\) Training?](#)



# Chairs Activities since the 23-1 Meeting

- IEEE Std 1641-2022 Dual Logo with the IEC.
  - IEEE Staff asked me for a justification as to why we are sending the standard to the IEC.
    - We have not had to do this in the past.
    - I explained the process and explained what had been done with 1641's previous publications.
- NDIA ATC Meeting (August 31).
  - I supplied an abbreviated SCC20 chairs report.
- S&SI SMDC Meeting.
  - I had a S&SI SMDC meeting on Tuesday from 4:00PM-5:00PM (eastern).

# Chairs Activities since the 23-1 Meeting

- The SCC20 Standards Committee Working Group P&Ps.
  - A draft of the WG P&Ps was developed using the Standards Committee template and based upon our previously approved SCC WG P&Ps.
  - The draft WG P&Ps were submitted to AudCom in July and are in review.
- *Note: The IEEE SA Standards Board accepted the Standards Committee P&Ps on February 10, 2023 – they are valid until December 31, 2028.*

# 2024 SCC20 Meetings

- 24-1 Committee Meeting.
  - Location: TBD.
  - Dates and Times: TBD. (Before June).
- 24-2 Committee Meeting
  - IEEE Autotestcon 2024 is August 26 – August 29.
    - Gaylord National Convention Center, National Harbor, Maryland.
  - Location: TBD.
  - Dates and Times: TBD. (Before October).

# Questions?

