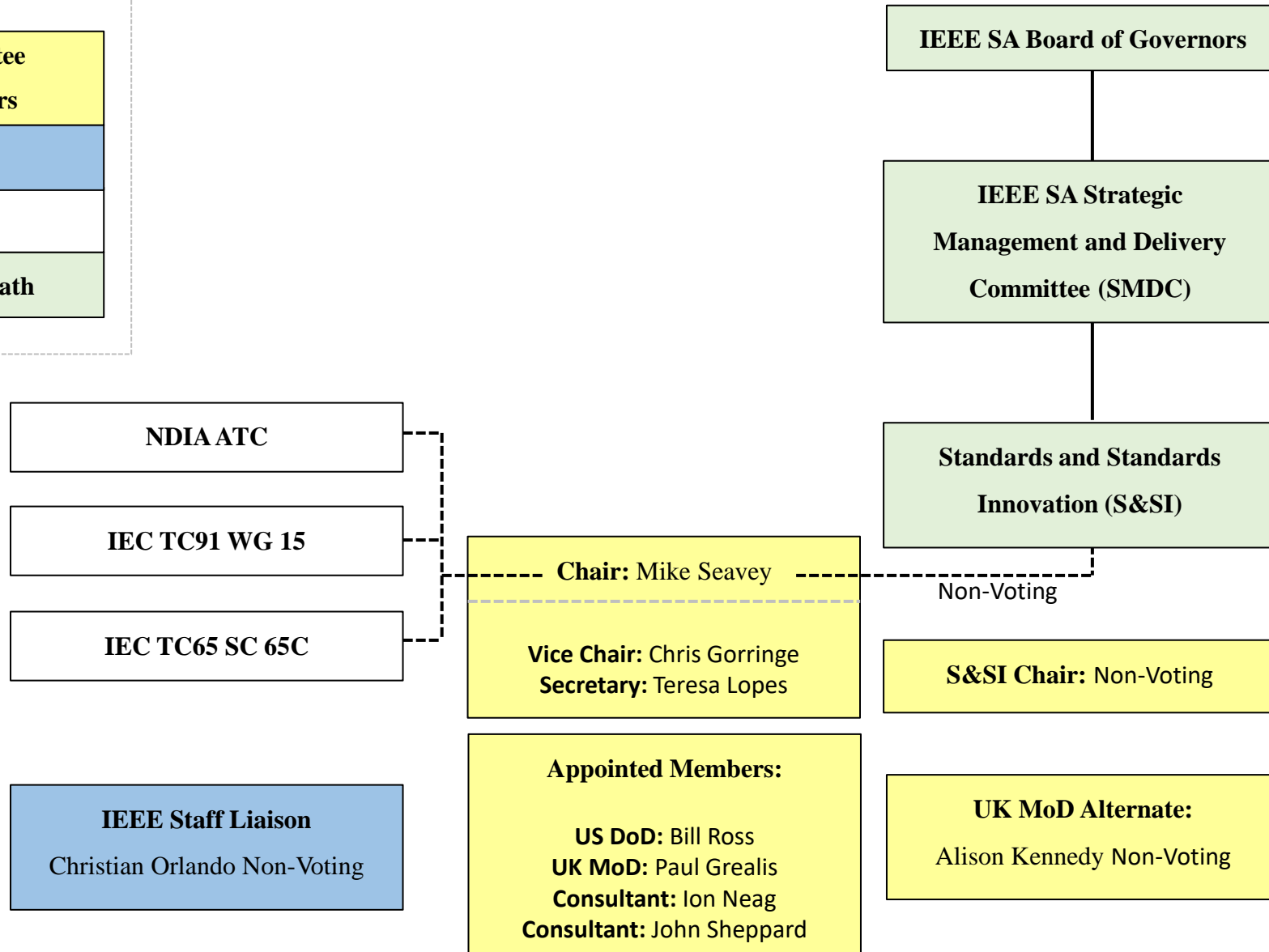
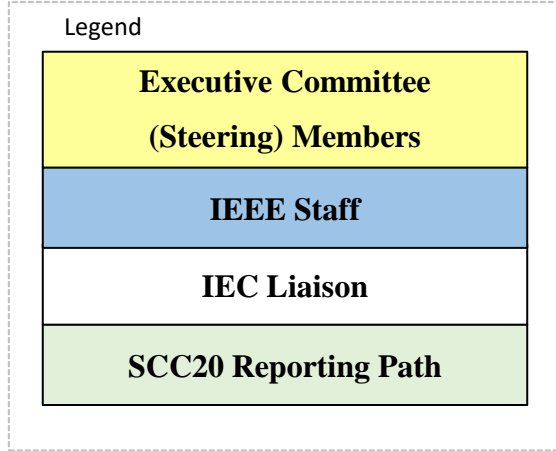


# Test and Diagnosis for Electronic Systems Standards Committee (SCC20)

SCC20 Chairs Report  
For the NDIA Automatic Test Committee  
August 26, 2024

*Mike Seavey, SCC20 Chair*

# Standards Committee Organization



# Standards Development Activities

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

**Working Group:** John Sheppard

'P' represents this is an IEEE Project

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

**Working Group:** Anand Jain

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

**Working Group:** Mike Seavey

ATML-compatible representation in SysML  
of test requirements information for  
electronic systems.

**Study Group Chair:** Ion Neag

IEEE-1232: AI-ESTATE Revision

**Study Group Chair:** Mike Seavey

# Standards Committee Standards

| Type                 | Publication      | Project       | PAR by | PAR Approval Date | PAR Expiration Date | Valid Standard Until |
|----------------------|------------------|---------------|--------|-------------------|---------------------|----------------------|
| Standard             | 488.1-2003       | —             |        | —                 | —                   | 3/19/2019            |
| Standard             | 488.2-1992       | —             |        | —                 | —                   | 6/17/2020            |
| Standard             | 716-1995(R2011)  | —             |        | —                 | —                   | 12/31/2021           |
| Users Guide          | 771-1998(R2009)  | —             |        | —                 | —                   | 12/9/2019            |
| Standard             | 1232-2010        | —             | —      | —                 | —                   | 12/8/2020            |
| Users Guide          | 1232.3-2014      | —             | —      | —                 | —                   | 12/31/2024           |
| Standard             | 1445-2016        | —             | —      | —                 | —                   | 12/8/2026            |
| Standard             | 1505-2010        | —             | —      | —                 | —                   | 9/30/2020            |
| Standard             | 1505.1-2019      | —             | —      | —                 | —                   | 12/31/2029           |
| Standard             | 1505.3-2015      | —             | —      | —                 | —                   | 12/31/2025           |
| Users Guide          | 1546-2000(R2011) | —             | —      | —                 | —                   | 12/31/2021           |
| Standard             | 1636-2018        | —             | 2025   | —                 | —                   | 12/31/2029           |
| Standard             | 1636.1-2018      | P1636.1 Cor 1 | —      |                   |                     | 12/31/2029           |
| Standard             | 1636.2-2018      |               | 2025   | —                 | —                   | 12/31/2029           |
| Standard             | 1636.99-2013     | —             | —      | —                 | —                   | 12/31/2023           |
| Standard             | 1641-2022        | —             | —      | —                 | —                   | 12/31/2032           |
| Users Guide          | 1641.1-2013      | —             | 2019   | —                 | —                   | 12/31/2023           |
| Amendment            | 1641.1a-2018     | —             | —      | —                 | —                   | 12/31/2028           |
| Standard             | 1671-2010        | P1671         | —      | June 29, 2023     | December 31, 2027   | 9/30/2020            |
| Standard             | 1671.1-2017      | P1671.1 Cor 1 | —      | —                 | —                   | 12/31/2027           |
| Standard             | 1671.2-2012      | —             | 2018   | —                 | —                   | 12/31/2022           |
| Standard             | 1671.3-2017      | —             | 2023   | —                 | —                   | 12/31/2027           |
| 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           |
| Recommended Practice |                  | P1871.3       | —      | June 29, 2023     | December 31, 2027   |                      |
| Standard             |                  | P2848         | —      | November 7, 2019  | December 31, 2025   |                      |
|                      |                  |               |        |                   |                     |                      |
|                      | As of 4/24/2024  |               |        |                   | Active PARs         |                      |

# 2024 & 2025 Standards Committee Meetings

- 24-2 Committee Meeting
  - Reston, Virginia on Thursday Afternoon & Friday
    - August 29 & 30
- 25-2 Committee Meeting
  - Sealand, U.K.
    - Dates TBD (June)
- 25-2 Committee Meeting
  - Reston, Virginia
    - Dates TBD

# Questions?

# Thank You

Mike Seavey

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