

ISO/IEC JTC 1 "Information technology"

Secretariat: ANSI

Committee manager: Rajchel Lisa Mrs.



Approved Resolutions of the 14-18 November 2022 JTC 1 Plenary in Tokyo

Document type	Related content	Document date	Expected action
Meeting / Other	Meeting: Tokyo (Japan) 14 Nov 2022	2022-11-21	INFO

Description

for information

Resolution 1 – JTC 1 Strategic Business Plan

JTC 1 approves JTC 1 N16014, with the two editorial corrections expressed during this meeting, as the JTC 1 Strategic Business Plan. The JTC 1 Committee Manager is instructed to submit this document, as edited, along with the SC business plans, to TMB and SMB for review and approval.

Resolution 2 – Establishment of a JTC 1-ISO/TC 204 Joint Working Group on ISO/IEC 5087-3

JTC 1 agrees to the establishment of a JTC 1-ISO/TC 204 Joint Working Group on ISO/IEC 5087-3, as outlined in JTC 1 N15976, with the following Terms of Reference:

Terms of Reference

To develop ISO/IEC 5087-3 (Information technology – City data model – part 3: Service level concepts – Transportation planning) using the framework defined for the ISO/IEC 5087 series on city data models where service city data standards are defined in terms of the foundation classes (ISO/IEC 5087-1) and city level classes (ISO/IEC 5087-2).

Co-Convenor: Mark Fox (Canada)

ISO/TC 204 will have administrative lead of this JWG.

JTC 1 transfers ISO/IEC 5087-3 to this JWG.

Resolution 3 – Reinstatement of ISO/IEC 22460 (Parts 1-3), ISO license and drone identity module for drone

Noting that in the last six months, ISO/IEC JTC 1/SC 17 has worked with ISO/TC 20/SC 16 and other interested parties to agree the best path forward for ISO/IEC 22460, Parts 1 – 3 (*ISO license and drone identity module for drone*), JTC 1 agrees to lift the suspension placed on these projects by ISO/IEC JTC 1 Resolution 13: Suspension of Work on the ISO/IEC 22460 series, at the May 2022 JTC 1 Plenary meeting.

Noting that a nine-month extension was requested by SC 17 before the suspension and that the projects have been on hold for a period of six months, ISO/IEC JTC 1 requests that ISO/CS grant an “exceptional extension” on the limit dates for these projects of 15 months, commencing 18th November 2022.

Resolution 4 – Online Workshop on Intelligent Computing

JTC 1 authorizes JTC 1/AG 2 to organize an online workshop on Intelligent Computing, as detailed in JTC 1 N16088, in order to exchange information and to identify a common understanding on its definition as well as to seek the potential area for future programs of work in JTC 1.

Objectives

- To exchange the conceptual information on Intelligent Computing
- To exchange the information on the current activities for Intelligent Computing
- To identify a common understanding of definition on Intelligent Computing

- To explore potential areas for future work programs in JTC 1.

Date and Venue

- Date: 16 December 2022 (12:00 to 15:00 UTC)
- Venue: Virtual

Resolution 5 – Revision of Standing Document 4 (SD 4) Planning

JTC 1 approves document JTC 1 N16047 as the revised JTC 1 Standing Document 4, *Planning*.

JTC 1 instructs the JTC 1 Committee Manager to post this document (clean version) on the JTC 1 website, where appropriate, as JTC 1 Standing Document 4 (SD 4), Planning – Ninth Edition 2022.

Resolution 6 – Reconstitution of Advisory Group 8 (JTC 1/AG 8), Meta Reference Architecture and Reference Architecture for Systems Integration

JTC 1 reconstitutes Advisory Group 8 (JTC 1/AG 8) on Meta Reference Architecture and Reference Architecture for Systems Integration with the following Terms of Reference:

Terms of Reference

- 1. Develop a document that contains a definition, concepts, processes, models, and templates on Meta Reference Architecture for Systems Integration entities;*
- 2. Deliver the document, along with a recommendation on its progression, to JTC 1 by the deadline for initial contributions to the May 2023 JTC 1 Plenary;*
- 3. Rely on Trustworthiness work developed in JTC 1/WG 13 and other Subcommittees, as applicable.*

Membership is open to:

1. Individuals nominated by National Bodies (representing the interests of their NB);
2. One representative per JTC 1 Liaison Organization;
3. One representative per JTC 1/SC, JTC 1/WG, JTC 1/AG, relevant ISO and IEC Committees;
4. Members of ISO Central Secretariat and IEC Secretariat.

Convenor: Byoung Nam Lee (Republic of Korea)

Duration: Through the May 2023 JTC 1 Plenary

JTC 1/AG 8 is instructed to submit a final report by 13 March 2023 in time for consideration at the May 2023 JTC 1 Plenary.

Resolution 7 – Request for Comment on AG 8 N0585, Meta Reference Architecture

JTC 1 instructs its Committee Manager to circulate AG 8 N0585, *Meta Reference Architecture*, for an eight-week review and comment period by JTC 1 National Bodies, Liaison Organizations, SCs, JTC 1 /WGs and JTC 1/AGs.

Resolution 8 – Reconstitution of Advisory Group 15 (JTC 1/AG 15), JTC 1 Standards and Regulations

JTC 1 reconstitutes Advisory Group 15 (JTC 1/AG 15) on JTC 1 Standards and Regulations with the following streamlined Terms of Reference:

Terms of Reference

1. *Continue the promotion of JTC 1's work by continuing to engage with regulators and policy makers in face to face and virtual environments, using the presentation material now available, at specific JTC 1 established events and appropriate events organised by ISO and IEC;*
2. *Publish Standards and Regulations reference data, for JTC 1 visibility and use;*
3. *Identify any relevant needs within the items collected by AG 15 during the last 12 months and put forward recommendations and contributions to appropriate groups, to ensure that important items get necessary visibility and consideration;*
4. *Agree and implement long term plan for AG 15 reusable information and data.*

Membership is open to:

1. Experts nominated by JTC 1 National Bodies;
2. One representative per JTC 1 Liaison Organization and per approved JTC 1 PAS submitter;
3. One representative per JTC 1/SC, JTC 1/WG, relevant ISO and IEC committees;
4. Members of ISO Central Secretariat and IEC Secretariat.

Convenor: Tony Holland (UK)

Duration: Through the November 2023 JTC 1 Plenary

JTC 1/AG 15 is instructed to submit an interim report by 13 March 2023 in time for consideration at the May 2023 JTC 1 Plenary as well as a subsequent report to the November 2023 JTC 1 Plenary.

Resolution 9 – Reconstitution of JTC 1 Advisory Group 17 (JTC 1/AG 17) on Meetings

JTC 1 reconstitutes Advisory Group 17 (JTC 1/AG 17) with the following Terms of Reference:

Terms of Reference

1. *Develop JTC 1 contributions as necessary to Joint Directives Maintenance Team (JDMT) in response to anything that the Joint Task Force New Normal puts forward as a requirement;*
2. *Revise SD 19 in response to the ISO/IEC Directives as amended with new requirements following experience with the guidance proposed by the TMB/SMB Joint Task Force New Normal.*

Membership is open to:

1. Individuals nominated by National Bodies (representing the interests of their NB);
2. Two representatives per JTC 1/SC, JTC 1/WG;
3. Members of ISO Central Secretariat and IEC Secretariat.

Convenor: Jim MacFie (Canada)

Duration: Through the November 2023 JTC 1 Plenary

JTC 1/AG 17 is instructed to submit an interim report by 13 March 2023 in time for consideration at the May 2023 JTC 1 Plenary as well as a subsequent report to the November 2023 JTC 1 Plenary.

Resolution 10 – Reconstitution of JTC 1 Advisory Group 19 (JTC 1/AG 19) on Coordination with ISO/TC 20/SC 16 on Unmanned Aircraft Systems (UAS)

JTC 1 reconstitutes JTC 1 Advisory Group 19 (JTC 1/AG 19) on Coordination with ISO/TC 20/SC 16 on Unmanned Aircraft Systems (UAS) with the following Terms of Reference:

Terms of Reference

1. *Identify new common interests of ISO/TC 20/SC 16 and JTC 1 for collaboration and coordination;*
2. *Review proposals for new projects, related to both UAS and IT, prior to ballot;*
3. *Make recommendations on how and where any projects should be organized to JTC 1.*

Membership is open to:

1. Individuals nominated by National Bodies (representing the interests of their NB);
2. Two representatives per JTC 1/SC, JTC 1/WG, JTC 1/AG, relevant ISO and IEC Committees;
3. Representatives of ISO Central Secretariat and IEC Secretariat;
4. Representatives from ISO/TC 20/SC 16 (no limitation).

Convenor: Haiying Lu (China)

Secretary: Xiang He (China)

Duration: Through the November 2023 JTC 1 Plenary

JTC 1/AG 19 is instructed to submit an interim report by 13 March 2023 in time for consideration at the May 2023 JTC 1 Plenary as well as a subsequent report to the November 2023 JTC 1 Plenary.

Resolution 11 – Request for Comment on Standing Document 24 (SD 24), Systems Integration Standardization Guidelines

JTC 1 instructs its Committee Manager to circulate JTC 1 N16083, revised Standing Document 24 (SD 24), *Systems Integration Standardization Guidelines*, for an eight-week review and comment period by JTC 1 National Bodies, Liaison Organizations, SCs, JTC 1/WGs and JTC 1/AGs.

Resolution 12 – Reconstitution of JTC 1 Ad Hoc Group 4 (JTC 1/AHG 4) on Collaboration Across Domains

JTC 1 reconstitutes JTC 1 Ad Hoc Group 4 on Collaboration Across Domains with the following revised Terms of Reference:

Terms of Reference

1. *Review ITTF's draft revision of SD 15 and propose any further changes that might be necessary to the May 2023 JTC 1 Plenary;*
2. *Recommend to JTC 1 what additional steps are needed to support Collaboration across Domains.*

Membership is open to:

1. Individuals nominated by National Bodies (representing the interests of their NB);
2. One representative per JTC 1 Liaison Organization and per JTC 1 Recognized PAS Submitter;
3. One representative per JTC 1/SC, JTC 1/WG, JTC 1/AG, relevant ISO and IEC Committees;
4. Representatives of the ISO Central Secretariat and IEC Secretariat.

Convenor: Jacqui Taylor (UK)

Duration: Through the May 2023 JTC 1 Plenary.

JTC 1/AHG 4 is instructed to submit a final report by 13 March 2023 in time for consideration at the May 2023 JTC 1 Plenary.

Resolution 13 – Reconstitution of JTC 1 Ad Hoc Group 5 (JTC 1/AHG 5) on JTC 1 Standards Made Freely Available

JTC 1 reconstitutes JTC 1 Ad Hoc Group 5 on JTC 1 Standards Made Freely Available, with the following Terms of Reference:

Terms of Reference

1. *Provide information to ISO Council and the ISO Council Standing Committee on Strategy and Policy (CSC/SP) regarding JTC 1 and its need to make certain standards and other deliverables available at no cost to the user;*
2. *Respond to specific requests from ISO Council and the ISO Council Standing Committee on Strategy and Policy (CSC/SP);*
3. *Provide information to TMB/SMB regarding JTC 1 and its need to make certain documents available to the public as noted in JTC 1 SD 23, Document Access.*

Membership is open to:

1. One representative per National Body (representing the interests of their NB);
2. One representative per JTC 1/SC and JTC 1/WG;
3. One representative per JTC 1 Liaison Organization and per JTC 1 Recognized PAS Submitter.

Convenor: Phil Wennblom (JTC 1 Chair)

Duration: Through the November 2023 JTC 1 Plenary.

JTC 1/AHG 5 is instructed to submit an interim report by 13 March 2023 in time for consideration at the May 2023 JTC 1 Plenary as well as a subsequent report to the November 2023 JTC 1 Plenary.

Resolution 14 – Request for Comment on JTC 1/WG 13 Standing Document on Trustworthiness Landscape

JTC 1 instructs its Committee Manager to circulate the revised JTC 1/WG 13 Standing Document on *Trustworthiness Landscape*, for an eight-week review and comment period by JTC 1 National Bodies, Liaison Organizations, SCs, JTC 1/WGs and JTC 1/AGs.

Resolution 15 – Establishment of JTC 1/WG 15, JTC 1 Vocabulary

JTC 1 establishes Working Group 15 (JTC 1/WG 15) on JTC 1 Vocabulary, with the following Terms of Reference:

Terms of Reference

1. *Establish objectives, goals, and a project timeline for the revision of ISO/IEC 2382 (2015 edition);*
2. *Establish techniques, process, and procedure for the WG activity, such as reusing existing practice, where practicable, for vocabulary maintenance, technical review, and production;*
3. *Inform itself of and coordinate with the existing and substantial JTC 1 SCs'/WGs' vocabulary efforts;*
4. *Establish individual term quality, life-cycle, etc. categories such that (1) new terms can be developed; (2) existing terms can be maintained; (3) stabilized terms require no maintenance; (4) deprecated terms are discouraged for future use; and (5) historical terms (in context) provide appropriate framing and definition yet are discouraged for current use;*
5. *Develop a marketing and packaging plan for the JTC 1 terminology that includes ISO/IEC 2382 standard and, possibly other SC/WG-related terminology standards work and work product;*
6. *Revise JTC 1 SD 20, Best Practices Guide for IT Vocabulary, as appropriate.*

Convenor: Frank Farance (US)

JTC 1 assigns ISO/IEC 2382:2015 to JTC 1/WG 15.

JTC 1 disbands Advisory Group 18 on Vocabulary with thanks to the Convenor, Bryce Adelstein Lelbach, and the participants for their excellent work.

Resolution 16 – Initiation of a Preliminary Work Item (PWI) in JTC 1/WG 14 on Quantum Simulation

JTC 1 approves the initiation of a Preliminary Work Item (PWI) within JTC 1/WG 14 on Quantum Simulation as follows:

Title: *Information Technology -- Quantum Simulation -- Taxonomy of quantum simulator architectures and quantum simulation programming*

Scope: This document defines a taxonomy of quantum simulator architectures and quantum simulation programming. The taxonomy includes the architecture of analog quantum simulators (AQSs) and digital quantum simulators (DQSs). For each of these architectures there are one or more types of quantum processor units (e.g., based on Rydberg interacting qubits, superconducting qubits) with one or more qubit modalities (e.g., based on atoms, ions, electrons, photons) known as quantum objects. The programming of quantum simulations operates according to two approaches: target Hamiltonian (i.e., AQS) and non-native Hamiltonian evolution (i.e., DQS). The mathematical constructs that can be used to describe the time-evolution of a quantum system of interest as well as enabling technologies, and software components are included in the taxonomy.

Justification: Quantum simulation offers a practical quantum advantage over classical supercomputers that fail by exponential explosion (i.e., number of parameters grows exponentially with the quantum system size). Furthermore, the quantum limit of Moore's law makes it necessary to develop quantum processing units (QPUs) in addition to traditional processors (e.g., central processing units known as CPUs, graphics processing units known as GPUs). A document on the taxonomy of quantum simulation (architectures and programming) introduces to the quantum community a better understanding of the scientific research and technical realities under development. Several applications (with low technology readiness levels) of quantum simulation have already been demonstrated and could significantly accelerate the deployment of new technologies that are urgently needed to address, for example, energy, environmental and health challenges. This document enables mass adoption of quantum simulation and contributes to the development of new applications and standards.

Project Editor: Jonathan J. Attia (Belgium)

Abstention: Netherlands

Resolution 17 – New Title and Terms of Reference for JTC 1/WG 14

JTC 1 approves the following new Title and Terms of Reference for JTC 1/WG 14:

Title: *Quantum Information Technology*

Terms of Reference:

1. *Serve as a focus of and proponent for JTC 1's standardization program on Quantum Information Technology. Identify gaps and opportunities in Quantum Information Technology standardization;*

2. *Develop and maintain a list of existing Quantum Information Technology standards produced and standards development projects underway in ISO/TCs, IEC/TCs, JTC 1 and other organizations;*
3. *Develop deliverables in the area of Quantum Information Technology;*
4. *As a systems integration entity, maintain relationships with other ISO and IEC TCs and other organizations that are involved in Quantum Technology standardization.*

Resolution 18 – Workshop on Quantum Information Technology

Noting that JTC 1/WG 14 has started a project on developing a near-term as well as long-term standardization vision and roadmap on quantum computing, JTC 1 authorizes JTC 1/WG 14 to work with the JTC 1 Chair, JTC 1 Committee Manager and ITTF to organize a Workshop on Quantum Information Technology. This Workshop will be open to all interested participants.

Resolution 19 - Timeframe Extension for ISO/IEC 4879, *Information technology – Quantum computing – Terminology and vocabulary*

JTC 1 approves a nine-month extension for ISO/IEC 4879, *Information technology – Quantum computing – Terminology and vocabulary*, and instructs the JTC 1 Committee Manager to work with ITTF to initiate this extension.

Resolution 20 – Initiation of an Approved Work Item (AWI) for a Technical Report in JTC 1/WG 11 on smart city standardization

JTC 1 approves creation of an AWI for a Technical Report on smart city standardization in JTC 1/WG 11 as follows:

Title: *Information technology - Overview of smart city standardization*

Scope:

This document includes:

- stakeholders and ecosystem concerns about smart city standardization;
- information related to standardization activities and deliverables in smart city;
- standardization needs in ICT development and applications for smart city.

Project Editor: Heng Qian (China)

Resolution 21 – Change Request to JDMT on ISO/IEC Directives Part 1, Clause 2.1.6

JTC 1 is fully supportive of the principle that the circulation of a Committee Draft for comments is not a vote. Thus, the phrase ‘CD vote’ is wrong and must not be used. The phrase ‘CD ballot’ is frequently used. While it may be argued that not every ballot is necessarily a vote in the ISO/IEC system, many people would simply presume that a ballot was a vote. Therefore, JTC 1 believes that the phrase ‘CD ballot’ should not be used either.

JTC 1 instructs its Committee Manager to submit, via a change request form, a request to JDMT for an editorial change to the ISO/IEC Directives Part 1, Clause 2.1.6 changing ‘committee draft ballot’ to simply ‘committee draft’.

Resolution 22 – Establishment of JTC 1 Advisory Group 21 (JTC 1/AG 21) on JTC 1 Strategic Direction

Since the late 1990s, there have been major changes in not only the ICT market and technical landscape, but also in the way ICT is used in our global society. JTC 1 is aware of these changes and recognizes that re-examination of its structure, governance, or mode of operation in the light of its current mission is warranted. JTC 1 therefore establishes JTC 1/AG 21 on JTC 1 Strategic Direction with the following Terms of Reference:

Terms of Reference

1. *Identify stakeholders, assess market and technology evolution;*
2. *Perform a Strengths/Weaknesses/Opportunities/Threats (SWOT) analysis of JTC 1, including reference to ICT standardization outside of JTC 1;*
3. *Assess JTC 1 Subcommittee activity (critical mass, technological maturity);*
4. *Assess intensity of collaborative work (within JTC 1, with ISO and IEC TCs and with external SDOs);*
5. *Prepare recommendations including*
 - o *JTC 1 governance and operations*
 - o *JTC 1 system work and collaborations*
 - o *Optimal structure*

Membership is open to:

- One representative per National Body plus alternate (representing the interests of their NB)
- JTC 1 PAS Mentors
- JTC 1/SC Chairs plus Committee Manager, as alternate
- JTC 1/WG Convenors
- Representatives of ISO Central Secretariat and IEC Secretariat (ITTF);
- JTC 1 Chair and Committee Manager

Initial members include: Australia, Brazil, Canada, China, Denmark, France, Germany, India, Ireland, Italy, Japan, Rep. of Korea, Lebanon, Luxembourg, Netherlands, Singapore, South Africa, UK, US, SC 2, SC 6, SC 7, SC 17, SC 22, SC 23, SC 24, SC 25, SC 27, SC 29, SC 31, SC 32, SC 34, SC 36, SC 37, SC 38, SC 40, SC 41, SC 42, SC 43, JTC 1/WG 11, JTC 1/WG 12, JTC 1/WG 14

Convenor: Jim MacFie (Canada)

Duration: Through the November 2023 JTC 1 Plenary.

JTC 1/AG 21 is instructed to submit an interim report by 13 March 2023 in time for consideration at the May 2023 JTC 1 Plenary as well as a subsequent report to the November 2023 JTC 1 Plenary.

Resolution 23 – Change Request to JDMT on ISO/IEC Directives Part 2, Table of Contents

JTC 1 instructs its Committee Manager to submit, via a change request form, a request to JDMT to add new wording to the ISO/IEC Directives Part 2, Clause 6.4 as detailed in JTC 1 N15982.

Resolution 24– Appointment of JTC 1 Officers

JTC 1 makes the following appointments/reappointments:

- Muhammad Ali, Editor Standing Document 2, *Web-based JTC 1 History*, (through the November 2023 JTC 1 Plenary)
- Seungyun Lee, Editor Standing Document 4, *Planning*, (through the November 2023 JTC 1 Plenary)
- Jim MacFie, Editor Standing Document 15, *Liaisons* (through the May 2023 JTC 1 Plenary)
- Tony Holland, Editor Standing Document 24, *Systems Integration Standardization Guidelines*, (through the November 2023 JTC 1 Plenary)
- Jacqui Taylor, Convenor Ad Hoc Group 4, *Collaboration Across Domains* (through the May 2023 JTC 1 Plenary)
- Phil Wennblom, Convenor Ad Hoc Group 5, *JTC 1 Standards Made Freely Available* (through the November 2023 JTC 1 Plenary)
- Byoung Nam Lee, Convenor Advisory Group 8, *Meta Reference Architecture and Reference Architecture for Systems Integration* (through the May 2023 JTC 1 Plenary)
- Tony Holland, Convenor Advisory Group 15 on *Standards and Regulations* (through the November 2023 JTC 1 Plenary)
- Jim MacFie, Convenor Advisory Group 17 on *Meetings* (through the November 2023 JTC 1 Plenary)
- Haiying Lu, Convenor Advisory Group 19, *Collaboration and Coordination with ISO/TC 20/SC 16 on UAS* (through the November 2023 JTC 1 Plenary)
- Jim MacFie, Convenor Advisory Group 21, *JTC 1 Strategic Direction* (through the November 2023 JTC 1 Plenary)
- Masaru Takechi, Chair JTC 1/SC 2, *Coded character sets* (through the end of 2025)
- Peter Waggett, Chair JTC 1/SC 17, *Cards and security devices for personal identification* (though the end of 2025)
- Myeong Won Lee, Chair JTC 1/SC 24, *Computer graphics, image processing and environmental data representation* (through the end of 2025)
- Rainer Schmidt, Chair JTC 1/SC 25, *Interconnection of information technology equipment* (through the end of 2024)
- Patricia Kenyon, Chair JTC 1/SC 40, *IT service management and IT governance* (through the end of 2025)
- François Coallier, Chair JTC 1/ SC 41, *Internet of Things and digital twin* (through the end of 2025)
- Heng Qian, Convenor JTC 1/WG 11, *Smart Cities* (through the end of 2025)

- Frank Farance, Convenor JTC 1/WG 15, *JTC 1 Vocabulary* (through end of 2025)
- Heng Qian, JTC 1 Liaison Representative to ITU-T (through the November 2023 JTC 1 Plenary)
- Sal Francomacaro, JTC 1 Liaison Representative to ISO/TC 307 (through the November 2023 JTC 1 Plenary)
- Christophe Mouton, JTC 1 Liaison Representative to ISO/TC 184 (through the November 2023 JTC 1 Plenary)
- Brian McAuliffe, JTC 1 Liaison Representative to the European Commission (through the November 2023 JTC 1 Plenary)
- Byoung Nam Lee, JTC 1 Liaison Representative to ISO/TC 261 (through the November 2023 JTC 1 Plenary)
- Kate Grant, JTC 1 Liaison Representative to IEC/TC 124 (through the November 2023 JTC 1 Plenary)
- Kate Grant, JTC 1 Liaison Representative to IEC SyC-AAL (through the November 2023 JTC 1 Plenary)
- Masatake Sakuma, JTC 1 Liaison Representative to IEC/TC 100 (through the November 2023 JTC 1 Plenary)
- Brian McAuliffe, JTC 1 Liaison Representative to Ecma International (through the November 2023 JTC 1 Plenary)
- Haiying Lu, JTC 1 Liaison Representative to ISO/TC 20/SC 16 (through the November 2023 JTC 1 Plenary)
- Mark Fox, JTC 1 Liaison Representative to IEC/SyC Smart Cities (through the November 2023 JTC 1 Plenary)
- Mark Fox, Co-Convenor JTC 1-ISO/TC 204 JWG on ISO/IEC 5087-3 (through the November 2025 JTC 1 Plenary)

Resolution 25 – New Scope for JTC 1/SC 40, *IT service management and IT governance*

JTC 1 approves the following new scope for JTC 1/SC 40, *IT service management and IT governance*, and instructs the JTC 1 Committee Manager to inform TMB and SMB of this new scope.

Standardization in:

- o Governance of IT
- o Governance of data
- o IT service management
- o IT enabled services - business process outsourcing

Serving as the focal point in these areas, SC 40 communicates, co-operates and collaborates with relevant committees (such as cybersecurity and privacy), external bodies and other stakeholders on topics of mutual interest.

Resolution 26 - Future JTC 1 Plenary Meetings

The following schedule of future JTC 1 Plenary meetings is agreed:

- 8-12 May 2023 Paestum, Italy
- November 2023 China
- May 2024 Australia
- November 2024 Germany

JTC 1 National Bodies and JTC 1 Liaison Organizations are strongly encouraged to consider the possibility of hosting future JTC 1 Plenary meetings.

- *The JTC 1 Plenary meeting will be held 8-12 May 2023 in one of the following modes:*
 - o *face-to-face;*
 - o *face-to-face with some remotes;*
 - o *virtual*
- *If the meeting is made virtual, we will have shorter sessions each day.*
- *In all cases, the meeting dates will remain the same. For the virtual option, meeting times and document due dates will be aligned with SD 19, Meetings.*
- *A decision on mode will be made and communicated to JTC 1 by 16 January 2023.*
- *In addition to registration in the ISO meeting platform, delegates need to advise the Italian host and the Committee Manager by 1 April 2023 if they will participate in person or remotely.*

Resolution 27 - Deadlines for the May 2023 JTC 1 Plenary Meeting in Paestum, Italy

Assuming a face-to-face or face-to-face with some remote participation meeting mode*, JTC 1 establishes the following deadlines for the May 2023 Plenary meeting, which starts on 8 May 2023 in Paestum, Italy:

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|--|------------------|
| • Announcement of meeting mode | 16 January 2023 |
| • Calling notice and first draft agenda | 16 January 2023 |
| • Second draft agenda posted | 13 February 2023 |
| • Contributions for new agenda items/issues/presentations | 13 March 2023 |
| • Proposal for new JTC 1 SC including final workshop presentations | 13 March 2023 |
| • Intermediate draft agenda posted | 20 March 2023 |
| • Comments on posted agenda items/documents/presentations | 10 April 2023 |
| • Final date for all amended presentations | 10 April 2023 |
| • Final draft agenda posted | 17 April 2023 |

All JTC 1 participants are responsible for reviewing the JTC 1 document list and the draft agendas to ensure that all contributions have been properly posted.

JTC 1 instructs its Committee Manager to strictly enforce these deadlines.

* If it is determined that the meeting will be virtual, some of the above deadlines may change.

Resolution 28 – Requirement to Add Meetings to the ISO Meeting Platform

JTC 1 reminds its SC Chairs and Committee Managers, as well as JTC 1/WG Convenors, that ALL future SC Plenary meetings, and meetings of JTC 1/WG s are to be entered into the ISO Meeting Platform, even if not all information is confirmed.

This is to be done on a regular basis: 2+ years into the future as soon as they are decided. If the Committee knows that it will meet in a certain timeframe but has no host or specific dates, the meeting can be initially entered as "proposed" with only a month/year and then updated when the remaining information is available.

The following SC Chairs and Committee Managers, as well as JTC 1 WG Convenors are instructed to add their meeting information through 2024, as soon as possible, but no later than 30 November 2022.

SC 25

SC 28

JTC 1/WG 13

ACTION ITEM

(The deadline for completion of action items is by the May 2023 JTC 1 Plenary, unless otherwise specified)

1. The JTC 1 Chair and Committee Manager will work with the AG 14 SIF Convenor, ITTF and other National Body representatives/SC Chairs to review the JWG formation process and formulate a problem statement and possible path forward to enable seamless registration of experts in the JWG and their access to documents. The results of this discussion will be brought to the May 2023 JTC 1 Plenary.
2. The JTC 1 Chair and the Committee Manager will work with ITTF to discuss a way forward to address the AG 1 and Japan concern on the availability of information on liaison representatives (incoming and outgoing) on the ISO website.
3. Based on its contribution in N16139, ITTF will prepare a revision of Standing Document 15 (SD 15), *Cross-domain Cooperation and Collaboration (Including Liaisons)*, no later than 13 March 2023 for consideration at the May 2023 JTC 1 Plenary.
4. The AHG 4 Convenor will submit to the JTC 1 Chair any AHG 4 recommended changes to the SC business plan templates.
5. The SC 2 Chair will send to the JTC 1 Chair and Committee Manager the SC 2 request for guidance on electronic attachments for ISO/IEC publications.
6. ITTF (ISO) will provide an update for the May 2023 JTC 1 Plenary on the status of the SD 23 implementation on the ISO web site.
7. JTC 1 approves N15986, as amended by N16106, as guidance on the Preliminary Work Item (PWI) Process. The JTC 1 Committee Manager will prepare a draft document in a form suitable for submission to JDMT. This document is to be submitted to JTC 1 by 13 March 2023 for consideration at the May 2023 JTC 1 Plenary.
8. The JTC 1 Chair and Committee Manager will prepare a report for the May 2023 JTC 1 Plenary on the results of the JDMT December 2022 meeting. The report will provide recommendations on next steps concerning any JDMT change proposals categorized as medium or difficult changes.
9. Before moving forward with the JTC 1/WG 11 Request for a PWI on *City Digital Twin Concept Model and Reference Architecture*, JTC 1/WG 11 will bring this proposed PWI to Advisory Group 20, *Coordination with ISO/TC 268/SC 1 on Smart Community Infrastructures*, for discussion on next steps.
10. The JTC 1 Chair, Committee Manager and ITTF will develop a mechanism to communicate the existing systematic review process for Fast Track and PAS standards.
11. The JTC 1 Committee Manager will seek a volunteer to serve as the JTC 1 Liaison Representative to ISO/TC 37.

APPRECIATIONS

Appreciation A – Appreciation to Meeting Host

JTC 1 expresses its appreciation to the Japanese National Body for hosting this first in-person JTC 1 Plenary since 2019, and the very first with some remote participation. The meeting facility was very nice and the AV support for the ZOOM component was excellent; the lunch and breaks were very good and much appreciated by all the delegates.

JTC 1 especially wishes to thank the members of the JTC 1 Tokyo meeting preparatory committee for their exceptional planning and support:

Chair:

- Mr. Hideaki Yamamoto

Members:

- Mr. Toshio Idei
- Ms. Ayuko Nagasawa
- Dr. Yoshikazu Seki
- Mr. Kiyoto Kawauchi
- Mr. Shoichi Fukuda
- Mr. Masaki Itou
- Prof. Yoshiaki Fukazawa
- Mr. Kazuya Kawai

JTC 1 also expresses its appreciation to Mr. Ari Ugayama on behalf of Mr. Tatsuo Takeshige, Director, International Electrotechnology Standardization Division, Ministry of Economy, Trade and Industry, METI for his warm welcoming remarks. The remarks were very much appreciated by the delegates.

Appreciation B– Appreciation to Shuichi Tashiro, Chair of JTC 1/SC 2, Coded Character Sets

JTC 1 extends its gratitude and appreciation to Shuichi Tashiro for his contributions and leadership in SC 2.

Under his leadership, with his deep understanding that the character sets are the intersections of culture, linguistics, and technology, the SC 2 programme of work has successfully grown and progressed. Character sets standards can be the solid foundation of all the JTC 1 standards, which allows JTC 1 standards applicable to wider range of the applications.

JTC 1 thanks Tashiro-san for his exemplary service to JTC 1 and SC 2 and wishes him much continued success and happiness in his future endeavors.

Appreciation C – Appreciation to Jan Begg, Chair of JTC 1/SC 40, IT service management and IT governance

JTC 1 expresses its appreciation to Jan Begg for her leadership and guidance as chair of ISO/IEC JTC 1/ SC 40 (SC 40).

Jan has been involved in international standardization since 2009, served as Australian Head of Delegation of SC 40 from 2012-2016 and was appointed chair of SC 40 in 2017.

Jan served as editor of ISO/IEC 38504:2016, oversaw the revision to the ISO/IEC 20000 series and began the process of revising ISO/IEC 38500. Jan also engaged in broader JTC 1 initiatives, having participated in the JTC 1 Study Group 5 on Trustworthiness, ISO/Smart Manufacturing Coordinating Committee and JTC 1 AHG 4.

JTC 1 thanks Jan for her exceptional service to JTC 1 and SC 40 and wishes her all the best in her future endeavours.

Appreciation D – Appreciation to Officers, Editors, PAS Mentors and Submitters, Liaisons and Contributors

JTC 1 expresses its appreciation to all of its Officers, Editors, PAS Mentors and PAS Submitters, JTC 1 National Bodies and Liaisons for their continued dedicated efforts in support of the work of JTC 1. JTC 1 is grateful for all that everyone has done to advance the JTC 1 programme of work.

Appreciation E – Appreciation to Drafting Committee

JTC 1 expresses its appreciation to the Drafting Committee for its timely and efficient completion of the JTC 1 Resolutions.

Appreciation F – Appreciation to Meeting Participants

JTC 1 thanks all the meeting participants – both in-person and remote – for their careful attention to the meeting documents and discussions. JTC 1 was also very pleased to welcome some first time participating National Bodies to this JTC 1 Plenary.

Appreciation G – Appreciation to ITTF Representatives

JTC 1 expresses its appreciation to Andrew Dryden and Stephen Dutnall for their participation in this meeting.

Appreciation H– Appreciation to Kristen Califra for Meeting Support

JTC 1 expresses its appreciation to Kristen Califra from ANSI for her invaluable assistance with navigating JTC 1 through this first in-person Plenary with some remote participation. She did an excellent job of keeping track of and displaying the 150+ meeting documents for both the in-person and remote participants while also running the ZOOM and monitoring raise hands. Kudos to Kristen!

Appreciation I – Appreciation to Frédéric Solbes, French Delegate

JTC 1 understands that this is Frédéric Solbes' last JTC 1 Plenary. Frédéric is a long-standing member of the French delegation, a veteran member the drafting committee and a valued colleague. JTC 1 wishes Frédéric much success in his next standards adventure.

Appreciation J– Appreciation to Elina Huttunen, Finnish Head of Delegation

JTC 1 understands Elina Huttunen is no longer involved in the work of JTC 1. For many years Elina was the Head of Delegation for Finland, and a valued colleague. JTC 1 wishes Elina much success in her new standards role.

Appreciation K – Appreciation to Phil Wennblom, JTC 1 Chair

JTC 1 expresses its appreciation to its Chair, Phil Wennblom. Phil showed flexibility and determination to make a challenging mix of in-person and remote participation a success. Precedents established by Phil at this meeting are breaking new ground that will be the model for future JTC 1 Plenaries. Throughout, the Plenary was the beneficiary of Phil's effective, diplomatic and imperturbable management of JTC 1's decision making. This Plenary saw ample evidence of Phil's tireless ambassadorship and advocacy for JTC 1 in the ISO/IEC system. Congratulations, and well-done Phil!

Appreciation L – Appreciation to Lisa Rajchel, JTC 1 Committee Manager

JTC 1 expresses its appreciation to its Committee Manager, Lisa Rajchel, for her outstanding guidance and management of JTC 1. JTC 1 applauds Lisa for her diligence and patience in facilitating this JTC 1 Plenary meeting.