

ISO/IEC JTC 1 Special Working Group on Accessibility (SWG-A)

JTC 1 SWG-A N 528

2012-11-20

Document Type: Resolutions

Title: Transmittal of JTC 1 N 11429: 25th Anniversary of ISO/IEC JTC 1, Resolutions Adopted at the 27th Meeting of ISO/IEC JTC 1 5 - 10 November 2012 in Jeju Island, Korea

Source: JTC 1 Secretariat

Due Date: n/a

Requested Action: For consideration at the November 2012 the JTC 1 SWG on Accessibility teleconference. Resolutions 5 and 33 are of particular relevance to the SWG on Accessibility.

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ISO/IEC JTC 1
Information technology
Secretariat: ANSI (USA)

Document type: Resolutions

Title: 25th Anniversary of ISO/IEC JTC 1, Resolutions Adopted at the 27th Meeting of ISO/IEC JTC 1 5-10 November 2012 in Jeju Island, Korea

Status: for information

Date of document: 2012-11-15

Source: JTC 1 Secretariat

Expected action: INFO

Email of secretary: lrajchel@ansi.org

Committee URL: <http://isotc.iso.org/livelink/livelink/open/jtc1>

25th Anniversary of ISO/IEC JTC 1
Resolutions Adopted at the 27th Meeting of ISO/IEC JTC 1
5-10 November 2012 in Jeju Island, Korea

Resolution 1 – XML Schema

Having reviewed the ITTF Response to 2011 JTC 1 Resolution 10 (software, schemata) contained in JTC 1 N11284, as well as the UK position on N11284 contained in JTC 1 N11285, JTC 1 requests ITTF to provide a response to the questions contained in N11285. ITTF is further requested to provide this response in time for review and comment in advance of the March 2013 meeting of the SWG on the Directives.

Unanimous

Resolution 2 – Management Group of the ISO/IEC/ITU/UNECE MoU on eBusiness

JTC 1 authorizes Dae-Young Kim (SC 6 and JTC 1 HoD), Jake Knoppers and Wenfeng Sun (SC 32) to represent JTC 1 at the Management Group of the ISO/IEC/ITU/UNECE MoU on eBusiness meetings until the November 2013 JTC 1 Plenary meeting and instructs Mr. Kim to submit a written report for consideration at the November 2013 JTC 1 Plenary meeting.

Other SCs are encouraged to nominate representatives to attend this meeting and to forward such nominations to the JTC 1 Chairman as soon as possible.

Unanimous

Resolution 3 – TMB Resolution 107/2012 on the proposed publication entitled “How to write standards”

JTC 1 is concerned with the content of the proposed publication “How to write standards”; in particular with the statement, *“if you choose not to include [clause 2 on normative references], you can put the normative references in the bibliography and leave it to the text to define how the reference document needs to be used.”* JTC 1 concurs with the French contribution contained in JTC 1 N11337 on the importance of normative references and believes that listing normative references in a bibliography is not sufficient. JTC 1 requests that ITTF bring these concerns to the attention of the TMB.

Unanimous

Resolution 4 – Revised JTC 1 New Work Item Proposal form

JTC 1 approves document JTC 1 N11428 (JTC 1 N11288, as modified by the Japanese comments in JTC 1 N11218), as the revised JTC 1 New Work Item Proposal form for immediate use. JTC 1 entities are reminded that use of this new form is mandatory when submitting a new work item proposal.

Unanimous

Resolution 5 – SC 36 Comments on the new NWIP template

JTC 1 forwards document JTC 1 N11243, *SC 36 Comments on the new NWIP template*, to the SWG on Directives for review and consideration at its March 2013 meeting. JTC 1 further instructs SWG on Accessibility and SC 35 to review N11243 and to provide any comments to the SWG on the Directives in time for consideration at the March 2013 meeting of the SWG on the Directives.

Unanimous

Resolution 6 – Revised Text for JTC 1 Supplement JA.2 Proposal stage - Votes on new work item proposals

Noting the comments provided by Japan in JTC 1 N 11346, JTC 1 instructs its Secretariat to incorporate the flowchart contained in JTC 1 N 10728 into JTC 1 N 11397, and to circulate this revised document to JTC 1 for a three month letter ballot. The results of the ballot will be considered at the March 2013 SWG on the Directives meeting.

Unanimous

Resolution 7 – Draft Revised JTC 1 Standing Document 5, Normative Referencing

JTC 1 instructs its Secretariat to circulate document JTC 1 N11224, *Draft Revised JTC 1 Standing Document 5 on Normative Referencing*, to JTC 1 for a 3 month letter ballot. The results of the ballot will be considered at the March 2013 SWG on the Directives meeting.

Unanimous

Resolution 8 – Use of ARO and RER processes

Noting the intended purpose of the ARO and RER processes, JTC 1 recommends that JTC 1 SCs use the ARO process in preference to the RER process when making normative references. The RER process is reserved for the specific circumstances where the ARO process is not appropriate.

Unanimous

Resolution 9 – UK Position on Maintenance of Fast-Track Standards

JTC 1 instructs its Secretariat to circulate document JTC 1 N11255, *UK Position on Maintenance of Fast-Track Standards*, to JTC 1 National Bodies. National Bodies are invited to review and comment, and in particular, to provide examples of where maintenance of Fast-Track Standards has been an issue. Comments submitted will be considered at the March 2013 SWG on the Directives meeting.

Unanimous

Resolution 10 – Revision of JTC 1 Standing Document 3, Guide for ITU-T and JTC 1 Cooperation

JTC 1 approves the initiation of a collaborative revision with ITU-T of *JTC 1 Standing Document 3, Guide for ITU-T and ISO/IEC JTC 1 Cooperation*. National Bodies and Liaison Organizations are invited to provide comments to the March 2013 meeting of the SWG on the Directives.

Unanimous

Resolution 11 – Continuation of Trial on the use of Webconferencing

Having received the report from SC 22 on its experience using webconferencing, JTC 1 encourages all SCs to conduct a continued trial on the use of full time webconferencing technologies to support their Plenary meetings during the period up to the 2013 JTC 1 Plenary. Considerations for this trial and evaluation of the trial should include the points below as well as the SC 22 experiences contained in document JTC 1 N11268:

- Announcement of the trial – at latest with the meeting announcement or local arrangements, and describing platform and/or technology requirements for participation (such as OS, teleconferencing limitations), and whether and if so how NB voting is permitted by remote participants
- Record participation level at the meeting by remote participants (full time or part time), and voting patterns
- How to ensure availability of documents generated or presented at the meeting to the remote participants
- Identification and accreditation of participants, and use of technologies such as video capture to identify remote participants
- Impact on in-person attendance surveyed by distance, time zone and possible other factors
- Impact on participation in ad hoc or breakout groups during the Plenary
- Impact on the efficiency of the overall meeting

Any SC that makes use of this trial is instructed to report to the 2013 JTC 1 Plenary on its experience. Specific issues should include the considerations above, an indication if webconferencing influenced P-member and liaison officer participation and reports from remote participants on their experience.

Unanimous

Resolution 12 – Webconferencing Participation by Liaison Officers

In exceptional cases, JTC 1 permits JTC 1 and SC liaison officers to make use of webconferencing, when available, to present their liaison reports. While in-person participation is highly preferable, JTC 1 recognizes that it may not always be possible.

Objection: Canada, UK

Abstention: Ireland

Resolution 13 – Revised Terms of Reference for ITVMT

JTC 1 recognizes the value of and appreciates the work of the IT Vocabulary Maintenance Team. JTC 1 also notes and appreciates that the work is now mature and can be balloted as a DIS. Given the status of the ITVMT work and noting the facility of automatically transferring JTC 1's and its subcommittees' terminology to ISO's Online Browsing Platform (OBP) and the IEC's Glossary, JTC 1 believes that there may no longer be an on-going need for a separate vocabulary maintenance activity in JTC 1. Therefore, JTC 1 revises the ITVMT Terms of Reference originally agreed in document JTC 1 N9414 resolution 10 as follows:

The ITVMT shall:

1. Work with ITTF to download appropriate data into a format that can be used for the DIS 2382 ballot.
2. Resolve ballot comments resulting from the DIS ballot and prepare a disposition of comments report for JTC 1 approval; work with ITTF to expedite the publication, once approved.
3. Prepare an executive summary not exceeding four pages to accompany the detailed draft Best Practices Guide that meets the requirements specified in document JTC 1 N11283, *UK position on short process oriented guide on terminology for WG experts*. Additional material to be taken into account when preparing this summary are the ISO/IEC Directives Part 2 Annex D, the IEC TC 100 guidance for editors document and Annex B to the Author's guide for drafting ITU-T Recommendations (<http://www.itu.int/ITU-T/go/authors-guide/>).
4. Forward this executive summary and draft Best Practices Guide to the SWG on the Directives for further processing.
5. Provide a final report to the 2013 JTC 1 plenary showing how the work of the ITVMT has been concluded.

Unanimous

Resolution 14 – Implementation of ISO 10241-1:2011

JTC 1 notes that the multi-part ISO/IEC 2382 standard has been updated to take into account the rules stated in ISO 10241:1992, which specifies the structure and layout of terminological entries. JTC 1 also notes that ISO 10241:1992 has been replaced by ISO 10241-1:2011.

ISO 10241-1:2011 introduces several changes to a terminological entry: the label change for NOTE (now "Note to entry:"); the addition of sources; and the rules for adaptations, etc. Given this new edition, JTC 1 confirms that the requirements stated in ISO 10241-1:2011 are mandatory for all SCs developing terminological entries but that they need not be applied to terminological entries in existing standards. If needed, SCs can seek further guidance from ISO/ TC 37.

Abstention: UK

Resolution 15 – Use of ISO Online Browsing Platform (OBP), Electropedia and the IEC Glossary

JTC 1 notes that many SCs are developing vocabulary/ontology. JTC 1 reminds SCs that they must recognize and defer terminology to that defined by JTC 1 SCs and other entities with technology specific charters and expertise. JTC 1 entities are encouraged to consult the ISO OBP, Electropedia and

the IEC Glossary before defining terms. This will avoid the confusion that can arise when a term is defined but that particular term is already well established in similar environments with a slightly different definition. For example, with the creation of SC 38, any terminology specific to cloud computing or SOA should defer to SC38's expertise.

Unanimous

Resolution 16 – Revised Terms of Reference for the SWG on Smart Grid

JTC 1 approves the following revised Terms of Reference for the SWG on Smart Grid:

Terms of Reference

1. *Periodically review and revise identified market requirements and standardization gaps for Smart Grid with particular attention to standards supporting the interoperability of Smart Grid technology and needed international standardization.*
2. *Encourage JTC 1 SCs to address the need for ISO/IEC Smart Grid International Standards. Conduct education sessions with JTC 1 SCs whose work is relevant to smart grids.*
3. *Promote JTC 1 developed International Standards for Smart Grid and encourage them to be recognized and utilized by the industry and SDOs. Such promotion will be based on the SWG on Smart Grid Awareness Plan and the SWG Smart Grid Liaison and Harmonization Plan.*
4. *Coordinate JTC 1 Smart Grid activities with IEC, ISO, ITU-T, other SDOs, and major regional and national initiatives that are developing or coordinating specifications for Smart Grid, especially the IEC SMB Strategic Group 3 on Smart Grid.*
5. *Periodically report results and recommendations to JTC 1 SWG on Planning and coordinate ongoing work with related plans.*
6. *Provide a written report of activities and recommendations in advance of the annual JTC 1 Plenary meetings.*

Membership in the SWG on Smart Grid is open to:

1. *JTC 1 National Bodies, JTC 1 Liaisons, and JTC 1 PAS Submitters.*
2. *JTC 1 SCs, relevant ISO and IEC TCs.*
3. *Members of ISO and IEC central offices.*
4. *Invited SDOs and consortia that are engaged in Smart Grid standardization, as approved by SWG on Smart Grid.*

In addition, the Convenor may invite experts with specific expertise in the Smart Grid field.

Unanimous

Resolution 17 – Strategic Business Plan

JTC 1 approves the revised version of the Strategic Business Plan (JTC 1 N11178) and resolves to work on the activities defined in this document.

JTC 1 further forwards document JTC 1 N11343, *UK comments on a comparison of the ISO strategic plan and the JTC1 strategic plan*, as well as the *ISO Strategic Plan* and *IEC Masterplan 2011* to the SWG on Planning for consideration when preparing the next iteration of the JTC 1 Strategic Business Plan.

Unanimous

Resolution 18 – Standing Document 4 on the JTC 1 Planning Process

JTC 1 approves document JTC 1 N11140, revised SD 4, Standing Document on the JTC 1 Planning Process, and instructs the JTC 1 Secretariat to post it on the JTC 1 web site.

Unanimous

Resolution 19 – Standing Document 2 - History

JTC 1 approves document JTC 1 N11399, incorporating the additional information and pictures received prior to and in Jeju, as the revised SD 2 - History, and instructs the JTC 1 Secretariat to post it on the JTC 1 web site as per resolution 27 of the 2008 Nara JTC 1 Plenary and further to circulate the URL to announce its availability.

Further, JTC 1 notes that SD 2 is a living document and as such, JTC 1 agrees that future iterations of the document need not be approved by JTC 1, rather the document can be updated by the editor and posted to the JTC 1 website on a regular basis as new information is received; it will be presented and noted at every JTC 1 Plenary.

JTC 1 reminds its SCs, the JTC 1 WGs and SWGs of the request in Resolution 25 of the 2010 Belfast Plenary to regularly update the elements of their histories. Such input should be developed using the “*Guidelines for JTC 1 History recording*” (See JTC 1 N10793).

Unanimous

Resolution 20 – Establishment of SWG on Internet of Things (IoT)

JTC 1 recognizes the importance of Internet of Things (IoT) as a trend that will shape the definition of many standards in the ICT sector, and notes a growing interest in this area among a number of standards setting organizations. The vision for Internet of Things (IoT) is relevant to the mission of JTC 1 and intersects with the scope of a number of JTC 1 SCs, WGs and SWG on Planning.

Therefore, JTC 1 establishes a Special Working Group on Internet of Things (IoT) with the following Terms of Reference:

Terms of Reference

- 1. Identify market requirements and standardization gaps for IoT;*
- 2. Encourage JTC 1 SCs and WGs to address the need for ISO/IEC standards for IoT;*
- 3. Facilitate cooperation across JTC 1 entities;*
- 4. Promote JTC 1 developed standards for IoT and encourage them to be recognized and utilized by industry and other standards setting organizations;*
- 5. Facilitate the coordination of JTC 1 IoT activities with IEC, ISO, ITU and other organizations that are developing standards for IoT;*
- 6. Periodically report results and recommendations to JTC 1/SWG on Planning; and*
- 7. Provide a written report of activities and recommendations to JTC 1 in advance of each JTC 1 Plenary meeting.*

Membership in the SWG on IoT is open to:

- 1. JTC 1 National Bodies, JTC 1 Liaisons and JTC 1 PAS Submitters;*

2. *JTC 1 SCs, JTC 1/WGs, relevant ISO and IEC TCs;*
3. *Members of ISO and IEC central offices; and*
4. *Invited standards setting organizations that are engaged in IoT standardization as approved by SWG on IoT.*

Korea will serve as Secretariat for the SWG and Hyoung Jun KIM to serve in this capacity.

Unanimous

Resolution 21 – Technology Areas for SWG on Planning to Investigate

JTC 1 requests that SWG on Planning should investigate, in particular, in the next term of its activities (2012/2013) the following technology areas and develop recommendations for the 2013 JTC 1 Plenary:

1. Social Networking (continuing)
2. Web Collaboration (continuing)

Unanimous

Resolution 22 – Technology Areas for JTC 1 Subcommittees

JTC 1 thanks those SCs and Individuals that have responded to Resolutions 33 and 45 of the 2011 San Diego Plenary and provided input on potential new technology areas to the Environmental Scan 2012.

1. JTC 1 **SC 32**, SC 29, SC 24, **SC 23 and SC 7** for considering whether to formally study opportunities for JTC 1 in the area of ‘Big Data’.
2. JTC 1 SC 38, **SC 32, SC 31**, SC 29, SC 24 and **SC 7** for considering whether to formally study opportunities for JTC 1 in the area of ‘Next Generation Analytics’.
3. JTC 1 **SC 39**, SC 29, **SC 25** and JTC1/WG 7 for considering whether to formally study opportunities for JTC 1 in the area of ‘Extreme Low-Energy Servers (and devices)’.

JTC 1 requests that each JTC 1/SC or JTC 1/WG listed above, or others involved in these activities, submit reports on the above to SWG on Planning by 1 March 2013. Some SCs already provided feedback to these requests (marked in bold). These SC inputs/comments are given in the SWG-P report to JTC 1 in document JTC 1 N 11176, section 2.7.

Unanimous

Resolution 23 – Agreement between the Chairs of JTC 1/SC 7 and JTC 1/SC 38

JTC 1 is pleased to note the following agreement in response to recommendation 2 of the Ad Hoc on Structure report contained in document JTC 1 N11215:

The Chairs of SC 7 and SC 38 provide the following statement:

- It is agreed that:
 - SC 38 has prime responsibility for both SOA and Cloud Computing
 - SC 38 is responsible for SOA and Cloud Computing frameworks and vocabulary
 - SC 38 is responsible for SOA and Cloud Computing interfaces/interoperability standards

- The issues are about how to handle Engineering and IT management standards related to SOA and Cloud Computing. To address these potential areas of overlap, the following principles are agreed:
 - All SC 7 engineering and IT management standards apply to both SOA and Cloud Computing
 - Some SC 7 standards may need to be amended or modified to be more explicit in their applicability to SOA and Cloud Computing
 - There may be a need for a limited number of guidance documents to support the applications of existing SC 7 standards to SOA and Cloud Computing (e.g., SC7 is considering two projects in this area: a guidance document on how to apply ISO/IEC 12207 to SOA and one on how to apply ISO/IEC 20000 to Cloud Computing.).
- Going forward:
 - SC 7 will not renew its SG on Service Oriented Engineering. Any follow-on activities resulting from the work of the SC 7 SG on SOE will be initiated under SC 38/WG2 or SC 7 WGs based on the principles outlined herein, and
 - SC 7 and SC 38 will work to put in place an intensive liaison process. (SC 7 has already created a Special Liaison Group to address this topic.)
- The chairs of SC 7 and SC 38 are committed to finding appropriate mechanisms for cooperation/collaboration, including but not limited to assigning co-editors and establishing Joint Working Groups for topics that need more than “intensive” liaison.

Unanimous

Resolution 24 – Transparency of investigative work

JTC 1 believes that its success depends upon both the innovative and forward thinking of its committees and the number and quality of experts that participate. As there is great value in study, investigative or preliminary work, JTC 1 encourages subgroups to initiate such activities that are not already covered by another JTC 1 entity. Upon initiation of such activity, the subgroup should so inform the JTC 1 Secretariat so that the work can be made widely visible outside of the subgroup via either the JTC 1 web site or another appropriate mechanism. In areas of common interest, JTC 1 subgroups should work collaboratively with other standards setting bodies both within and outside JTC 1.

Unanimous

Resolution 25 – Initiation of work in areas covered by other JTC 1 entities

JTC 1 reminds its entities to refrain from initiating work, including study, investigative and preliminary work, in areas within the scope of other JTC 1 entities.

Unanimous

Resolution 26 – Maintenance of ISO/IEC 10175, Document Printing Application (DPA) Parts 1-3

JTC 1 notes the agreement between the chairmen of SC 6 and SC 28 regarding Recommendation 5 of the JTC 1 Ad Hoc on Structure contained in document JTC 1 N11215. Their agreement is that ISO/IEC

10175 - Parts 1-3, which are in a stabilized state, should remain in SC 6; further, should either subcommittee propose to revise or withdraw these standards, SC 6 and SC 28 will collaborate on this work.

Unanimous

Resolution 27 – Establishment of SWG on Management

JTC 1 establishes a SWG on Management with the following Terms of Reference:

Terms of Reference

The SWG on Management operates under the direction of JTC 1 to review and evaluate the organizational effectiveness of JTC 1 and make recommendations to JTC 1 to this effect. This includes:

- *Review and evaluation of the JTC 1 structure on a regular basis*
- *Development of recommendations on management aspects of JTC 1*
- *Review of issues arising from overlapping/conflicting scopes, activities and projects as well as disagreements over project assignments. The SWG shall work with JTC 1 subgroup chairs and convenors to identify issues and to reach acceptable resolutions.*
- *Provide advice on matters of operational efficiency and management to the JTC 1 chairman*
- *Review of the effective distribution of public information on JTC 1 activities and making suggestions for improvements*

Membership in this SWG is open to:

- *JTC 1 National Bodies*
- *Chairmen/Convenors (or their designate) of entities directly under JTC 1*
- *Members of ISO and IEC Central Office*

The JTC 1 Secretariat is responsible for the administration of this SWG.

Unanimous

Resolution 28 – Ad Hoc Group on Incubator Function

Noting the report of the Ad Hoc Group on Incubator Function contained in document JTC 1 N11223, JTC 1:

- Approves the operating principles contained in document JTC 1 N11312
- Assigns responsibility for support of incubator activities, including the operating principles, to the SWG on Planning
- Assigns the corresponding operational functions to the SWG on Planning, in cases where JTC 1 is designated as the Parent Group

Unanimous

Resolution 29 – Revised Terms of Reference for the SWG on Planning

JTC 1 approves the revised Terms of Reference of the SWG on Planning as follows:

Terms of Reference

1. *Assist the JTC 1 Chairman and Secretariat in developing/revising the JTC 1 Strategic Business Plan*
2. *Recommend actions for JTC 1 to successfully execute the business plans*
3. *Connect with SC business planning processes*
4. *Encourage SC participation in the development and execution of the overall JTC 1 Business Plans*
5. *Perform the Environmental Scanning activity to identify new work areas of interest to JTC 1. SWG on Planning will analyze the provided information and will give a yearly report with its recommendations for new work areas to the JTC 1 plenary. Presentations to provide JTC 1 with more details on such proposed technology areas may supplement the report to the JTC 1 Plenary*
6. *Maintain a description of the JTC 1 planning process as per JTC 1 Standing Document 4*
7. *Maintain JTC 1 Standing Document 2, Historical Background of JTC 1, in close cooperation with, and under the guidance of, the editor of SD 2*
8. *Establish a working relationship with the ITU-T Technology Watch function, send the SWG on Planning's report to the ITU-T Technology Watch function and invite input from ITU-T Technology Watch function to the SWG for its planning on environmental scanning process*
9. *Support the JTC 1 Incubator function as defined in the JTC 1 Incubator Operating Principles and maintain the corresponding description of the operating principles (see JTC 1 N11312)*
10. *Perform the operational functions of a Parent Group, in cases where JTC 1 is designated as the Parent Group of an Incubator Group*

JTC 1 instructs the SWG on Planning to also consider the following item:

The sections of document JTC 1 N8777 that relate to the elements of the Subcommittee presentations.

Membership in the Special Working Group is open to JTC 1 National Bodies and Chairmen/Convenors (or their designate) of entities directly under JTC 1. External organizations may be invited to participate as needed.

This group is advisory to the JTC 1 Chairman and JTC 1 and it is not empowered to make decisions on behalf of the Plenary.

The SWG will meet primarily by electronic means, but may hold face to face meetings. It shall produce a written report of its activities to each JTC 1 Plenary, taking note of the submission deadlines.

The JTC 1 Secretariat is responsible for the administration of this SWG unless a National Body volunteers to take on this responsibility.

Unanimous

Resolution 30 – Establishment of JTC 1/WG 8 on Governance of IT

JTC 1 establishes JTC 1/WG 8 on Governance of IT with the following Terms of Reference:

Terms of Reference

1. *To develop standards and related documents for the Governance of IT including tools and frameworks for governance, but excluding management, architecture, and portfolio management activities, as covered under the scope of JTC 1/SC 7.*
2. *The work program will comprise the following work items:*

- *ISO/IEC NP/CD 38500 Revision of ISO/IEC 38500:2008 Corporate Governance of Information Technology*
 - *ISO/IEC DTR 38502 Information Technology – Governance of IT- Framework and Model*
 - *ISO/IEC WDTS 38501 - Corporate Governance of IT Implementation Guide*
 - *ISO/IEC WD 30120 Information technology - Software Engineering - IT Audit - Audit guidelines for Governance of IT*
 - *ISO/IEC CD 30121 Information technology – Software Engineering – Governance of Digital Forensic Risk Framework*
3. *To pursue the existing liaison relationships of JTC 1/WG 6 and SC 7/WG40 as follows:*
- *JTC 1/SC 27*
 - *JTC 1/SC 27/WG 4*
 - *JTC 1/SC 38*
 - *TC 159*
 - *ISACA*
 - *itSMF*

JTC 1 instructs the WG 8 Secretariat to issue a timely call for participation.

JTC 1 gratefully accepts Australia’s offer to provide the Secretariat.

Unanimous

Resolution 31 – Disbandment of JTC 1/WG 6 and SC 7/WG 40

JTC 1 greatly appreciates the work of JTC 1/WG 6 and SC 7/WG 40. With the establishment of JTC 1/WG 8, JTC 1 disbands JTC 1/WG 6 and SC 7/WG 40.

The N-numbered documents of both groups shall be passed on to JTC 1/WG 8 for record retention.

Unanimous

Resolution 32 – Assignment for the SWG on Management

JTC 1 instructs the SWG on Management to perform the following tasks:

- Evaluate the opportunity for and the potential scope of an appropriate entity to address Governance and Management of IT including, but not limited to, IT Services and Outsourcing.
- Based on this evaluation, develop a recommendation for consideration at the November 2013 JTC 1 Plenary.

Unanimous

Resolution 33 – Appointment of Officers

JTC 1 makes the following appointments/re-appointments effective this date:

- Josée AUBER, JTC 1 Liaison to ITU-T (through the next Plenary)
- Yoshihisa NARUI, JTC 1 Liaison to IEC/TC 100 (through the next Plenary)
- Richard DIXON-HUGHES, JTC 1 Liaison to ISO/TC 215 (through the next Plenary)

- Alex LI, JTC 1 representative on JTAG (through the next Plenary)
- Dae-Young KIM, SC 6 Chairman (through the 2015 Plenary)*
- Ha-Jine KIMN, SC 24 Chairman (through the 2015 Plenary)
- Gerd WEKING, SC 25 Chairman (through the 2015 Plenary)
- Akira SAITO, SC 28 Chairman (through the 2015 Plenary)
- Kohtaro ASAI, SC 29 Chairman (through the 2015 Plenary)
- Khalid CHOUKRI, SC 35 Chairman (through the 2015 Plenary)
- Erlend OVERBY, SC 36 Chairman (through the 2015 Plenary)
- Donald DEUTSCH, SC 38 Chairman (through the 2015 Plenary)
- Jay TAYLOR, SC 39 Chairman (through the 2015 Plenary)
- Sangkeun YOO, Convenor SWG on Internet of Things (through the 2015 Plenary)
- Phil WENNBLOM, Convenor SWG on Management (through the 2015 Plenary)
- Ronald AMBROSIO, Convenor SWG on Smart Grid (through the 2015 Plenary)
- Yongjin KIM, WG 7 Convenor (through the 2015 Plenary)
- Philip BROWN, WG 8 Convenor (through the next Plenary)

*Abstention SC 6 Chairman: China

Resolution 34 – Augmented Reality

JTC 1 is pleased to note the following agreement in response to recommendation 7 of the Ad Hoc Structure report contained in document JTC 1 N11215:

SC 24 and SC 29 agree in principle that:

1. SC 24 and SC 29 agree to collaborate closely to develop Augmented Reality Continuum (ARC) related standards.
2. SC 24 and SC 29 mutually respect mutual scopes and the interest of their constituencies and will try their best to achieve the best synergies between their own working areas.
3. SC 24 and SC 29 agree they will work together to develop a single AR Reference Model (ARRM) that will be the RM used by both committees.
4. SC 24 and SC 29 will form an ad hoc joint group (tentatively called “SC 24/SC 29 Joint AdHoc Group - JAhG”) and this will be the arena for developing status of and plans for standards related to AR. Both SC 24 and SC 29 will give strong consideration to the recommendations from the joint group.
5. JAhG should start the work on ARRM by considering current versions of SC 24 ARCRM and SC 29 ARRM.
6. The internal structure of JAhG (meetings frequency and modalities e.g. co-location with parents meetings, remote meetings, editors of internal documents, etc.) should be discussed and agreed by SC 24 and SC 29.

Objection: UK

Resolution 35 – Template for Facility Fee Accounting Report

JTC 1 welcomes the Template for Facility Fee Accounting Report as contained in JTC 1 N 11022 as an Annex to the JTC 1 Standing Document 7 on Meetings. JTC 1 instructs the SWG on Directives Secretary

to ensure that the note to clause 4.2.2.9 makes it clear that the template is only required if facility fees are charged and that while it does not represent an endorsement of facility fees, its use is mandatory if fees are charged.

Unanimous

Resolution 36 – Adherence to EDPDA

JTC 1 instructs its SCs and WGs, whether using ISO Livelink or other systems, to adhere to the principles of the ISO/IEC JTC 1 Standing Document 12 on Electronic Document Preparation, Distribution and Archiving (EDPDA), in particular clause 12.1. This clause identifies certain categories of documents which are to be made publicly available, i.e. without the need for a password from the hosting organization. Adherence to the Standing Document is not optional.

Unanimous

Resolution 37 – JTC 1 Collaboration with Global Standards Collaboration (GSC)

JTC 1 requests its Chair and Secretary to consult with one or more GSC Members to draw up an analysis of how JTC 1 might benefit from closer collaboration with GSC. Further the JTC 1 Chair and Secretary are requested to consult with ITTF on institutional considerations which apply to such closer collaboration. The Chair is requested to provide a report after the GSC-17 meeting in May 2013 with the analysis appended.

Unanimous

Resolution 38 – JTC 1/WG 7 Project Editors

JTC 1 endorses the JTC 1/WG 7 Project Editors as listed in JTC 1 N11296.

Unanimous

Resolution 39 – Release of standards that fall under the ISO and IEC criteria for no cost availability

JTC 1 instructs its Secretariat to request the ITTF to make the following documents available at no cost as they meet the previously established ISO and IEC criteria (JTC 1 N7604):

- ISO/IEC 23271:2012 - Common Language Infrastructure (CLI)
- ISO/IEC 23272:2011 - Common Language Infrastructure (CLI) - Information Derived from Partition IV XML File
- ISO/IEC 10967-1:2012 - Language independent arithmetic - Part 1: Integer and floating point arithmetic

The request and rationale for the above standards to be made freely available is contained in document JTC 1 N11211.

- ISO/IEC 29187-1 - Identification of Privacy Protection requirements pertaining to Learning, Education and Training (LET) – Part 1: Framework and Reference Model

The request and rationale for the above standard to be made freely available is contained in document JTC 1 N11209.

- ISO/IEC 24760-1:2011 - Security techniques – A framework for identity management – Part 1: Terminology and concepts

The request and rationale for the above standard to be made freely available is contained in document JTC 1 N11240.

- ISO/IEC TR 29181-1:2012 – Future Network: Problem Statement and Requirements – Part 1: Overall Aspects

The request and rationale for the above standard to be made freely available is contained in document JTC 1 N11381.

Unanimous

Resolution 40 – Cancellation of Category C Liaison between SC 22/WG 23 and MISRA-L

JTC 1 approves the cancellation of Category C Liaison between SC 22/WG 23 and MISRA-L for the reasons provided in document JTC 1 N11212. JTC 1 requests ITTF to take the appropriate steps to formally cancel this liaison.

Unanimous

Resolution 41 – Establishment of Category C Liaison between SC 37/WG 4 and Frontex

JTC 1 approves the establishment of Category C Liaison between SC 37/WG 4 and Frontex for the reasons provided in document JTC 1 N11305. JTC 1 requests ITTF to take the appropriate steps to formally establish this liaison.

Unanimous

Resolution 42 – Establishment of Category A Liaison between SC 7 and ISACA

JTC 1 approves the establishment of Category A Liaison between SC 7 and ISACA for the reasons provided in document JTC 1 N11378. JTC 1 requests ITTF to take the appropriate steps to formally establish this liaison.

Unanimous

Resolution 43 – Stabilization of Standards

JTC 1 approves the stabilization of ISO 1073-2:1976, Alphanumeric character sets for optical recognition -- Part 2: Character set OCR-B -- Shapes and dimensions of the printed image, for the reasons provided in document JTC 1 N11307. JTC 1 requests ITTF to take the appropriate steps to formally stabilize this standard.

Unanimous

Resolution 44 – Revised Terms of Reference for JTC 1/WG 7, Sensor Networks

JTC 1 approves the revised terms of reference for JTC 1/WG 7 as follows:

Terms of Reference

1. *In the area of generic solutions for sensor networks, undertake standardization activities that support and can be applied to the technical work of all relevant JTC 1 entities and to other standards organizations. This includes activities in sensor networks such as the following:*
 - a) *Standardization of terminology*
 - b) *Development of a taxonomy*
 - c) *Standardization of reference architectures*
 - d) *Development of guidelines for interoperability*
 - e) *Standardization of specific aspects of sensor networks*
2. *In the area of application - oriented sensor networks, identify gaps and commonalities that may impact standardization activities within the scope of JTC 1. Further, share this information with relevant entities within and outside of JTC 1. Unless better pursued within another JTC 1 entity, the following standardization activities may be pursued as projects by this Working Group:*
 - a) *Addressing the technology gaps within the scope of JTC 1 entities*
 - b) *Exploiting technology opportunities where it is desirable to provide common approaches to the use of sensor networks across application domains*
 - c) *Addressing emerging areas related to M2M and IoT*
3. *In order to foster communication and sharing of information between groups working in the field of sensor networks:*
 - a) *Seek liaison relationships with all relevant JTC 1 SCs/WGs*
 - b) *Seek liaison relationships with other organizations outside JTC 1 including but not limited to: relevant ISO TCs, IEC TCs and ITU - T SGs, IEEE 1451, IEEE 1588, IEEE 2030, IEEE 802.15, Open Geospatial Consortium, ZigBee Alliance, IETF 6LoWPAN, IETF ROLL WG, ETSI, IPSO Alliance, EPCglobal, ISA 100, LONMARK, KNX Association, Zwave Alliance*
 - c) *Consider the possibility of conducting joint projects with relevant ITU - T SG*
 - d) *Seek input from relevant research projects and consortia*

Unanimous

Resolution 45 – JTC 1 Representatives to the ISO Steering Committee on Image Technology (SCIT)

JTC 1 authorizes Fumio Nakaya (SC 28 and JTC 1 HoD), Young-Kwon Lim (SC 29), Laura Moore (SC 24) and Ha-Jine Kimn (SC 24) to represent JTC 1 at the ISO Steering Committee on Image Technology (SCIT) meetings until the November 2013 JTC 1 Plenary meeting and instructs Mr. Nakaya to submit a written

report, including meeting attendees and their affiliation, for consideration at the November 2013 JTC 1 Plenary meeting.

JTC 1 instructs Mr. Nakaya to ensure that JTC 1's ability to manage its program of work and progress its standardization activities in a timely manner are not impaired.

SCs are encouraged to nominate additional representatives and should forward such nominations to the JTC 1 Secretariat.

Resolution 46 – Request to ITU-T for JTC 1 Participation in ITU-T activities

JTC 1 notes the report of the JTC 1/ITU-T Liaison Officer on recent developments within the ITU-T (JTC 1 N 11302). Based on this report, JTC 1 instructs its Secretariat to apply to the ITU-T for participation in the following activities:

- **ITU-T Joint Coordination Activity on Cloud Computing**

JTC 1 nominates Seungyun Lee, Babak Jahromi, SangBeom Ham and Martin Chapman, SC 38, as the initial JTC 1 contacts for this group.

- **ITU-T Joint Coordination Activity on Smart Grid and Home Networking**

JTC 1 nominates Kwang Il Lee, SC 6, as the initial JTC 1 contact for this group.

- **ITU-T Focus Group on M2M**

JTC 1 nominates the SC 31 Chairman, Chuck Biss, and ShinGak Kang, SC 6, as the initial JTC 1 contacts for this group.

- **ITU-T Focus Group on Smart Cable Television**

JTC 1 nominates the SC 29 Chairman, Kohtaro Asai, as the initial JTC 1 contact for this group.

- **ITU-T Focus Group on Bridging the Gap: from Innovation to Standards**

JTC 1 nominates the SWG on Planning Convenor, Mario Wendt, as the initial JTC 1 contact for this group.

SCs are encouraged to nominate additional representatives and should forward such nominations to the JTC 1 Secretariat.

Unanimous

Resolution 47 – Future Meetings

The following schedule of JTC 1 Plenary Meetings is agreed:

4-9 November 2013	Perros-Guirec, Brittany, France
November 2014	TBD
November 2015	China
November 2016	Norway

National Bodies and Liaison Organizations are strongly encouraged to consider the possibility of hosting future JTC 1 Plenary meetings, particularly the 2014 meeting.

Unanimous

Resolution 48 – Timing of contributions for the November 2013 JTC 1 Plenary meeting in Perros-Guirec, Brittany, France

JTC 1 establishes the following deadlines for contributions for the November 2013 plenary meeting in Perros-Guirec, Brittany, France:

Documents for the Perros-Guirec Plenary, particularly those raising new issues/new agenda items or those for which a final agreement at the meeting is desired, must be delivered to the Secretariat no later than **27 September 2013** for posting on the JTC 1 web server. Documents received at the Secretariat's office after **27 September 2013** will not be accepted.

The following exceptions are permitted:

- Comments on posted documents and presentations to be delivered at the plenary provided they are received at the Secretariat's office in a form suitable for immediate posting, not later than **11 October 2013**.
- A proposed document revision, provided the revision is received at the Secretariat's office in a form suitable for immediate posting, not later than **11 October 2013**.

The final agenda for adoption and use at the Perros-Guirec Plenary will be posted to the JTC 1 web site on **18 October 2013**.

Special note: The last possible date for submission of updated presentations is 21 October 2013.

For contributions submitted via email, the JTC 1 Secretariat will provide a mechanism by which the submitter will be notified that the contribution has been received at the Secretariat's office.

Nevertheless, ultimately the submitter is obligated to ensure receipt by:

- checking the JTC 1 web site for document posting
- checking iterations of draft agendas for agenda items and associated document references, (a "last call" agenda will be issued on **4 October 2013**)
- corresponding with the Secretariat

JTC 1 instructs its Secretariat to strictly enforce these deadlines.

Unanimous

Appreciations

Appreciation A – Host and Organizers

JTC 1 expresses its appreciation to KATS for hosting the 27th JTC 1 meeting in Jeju, Korea.

Specifically, JTC 1 expresses its appreciation to the Electronics and Telecommunications Research Institute (ETRI), Korean Standards Association (KSA), and Microsoft for sponsoring and organizing the meeting in Jeju. The location, the facilities, the social event and the support provided to the delegates were wonderful.

In particular, JTC 1 wishes to express its thanks to Eunsook Kim (KATS), Seung-Joo Nam (KATS), Byoung Nam Lee (ETRI), Seung Yun Lee (ETRI), and Sung Keun Jeong (KSA) for their excellent on-site management and delegate support.

Acclamation

Appreciation B – Welcoming Remarks

JTC 1 expresses its appreciation to Professor Chong-Sun Hwang, Head of Delegation for Korea, for his gracious welcoming remarks.

Acclamation

Appreciation C – Social Event

JTC 1 expresses its appreciation to KATS, KSA, ETRI and Microsoft for the excellent social event on Tuesday evening. The food, drink and especially the entertainment were most enjoyable.

JTC 1 wishes to also express its gratitude to Mr. Kwang-Hyun Seo, Administrator of KATS, Chong-Sun Hwang, Head of Delegation of Korea, Dr. Kyoungyong JEE, Vice-President of ETRI, Dr. Kishik PARK, ITU-T SG Chair, Mr. In-Soo Park, Director of KATS, for welcoming JTC 1 to Jeju in such a lovely fashion.

Acclamation

Appreciation D – Remembrance of Professor John Larmouth

JTC 1 notes with great sadness, the passing of Professor John Larmouth on 13 June 2012. John was a long time participant in multiple JTC 1 SCs and authored and contributed to the development of several JTC 1 standards, including ASN.1, where his contributions were immeasurable. We in the JTC 1 Community are most grateful for his many contributions. JTC 1 expresses its condolences to John's family for their loss.

Appreciation E – Appreciation of Gabriel Barta

JTC 1 wishes to express its gratitude to Gabriel Barta for his many years of service to JTC 1. Gabriel has been a friend and mentor to JTC 1 for many years. He has carried our concerns to IEC and patiently explained to us the decisions of our parents. He has provided the committee with advice and guidance and has been a voice of reason in many heated debates. He has been a fountain of knowledge and

guidance to JTC 1 officers and to the JTC 1 leadership. We will miss his wisdom and unflappable demeanour. We wish our friend a long, happy and productive retirement. It is our submission to the bench that he will be an effective solicitor and an even better judge.

Acclamation

Appreciation F – Officers and Contributors

JTC 1 expresses its appreciation to all of its Officers and contributors for their continued dedicated efforts in support of the work of JTC 1 and for the timely preparation of the excellent reports that reflect these activities.

Acclamation

Appreciation G – Ad Hoc Group and Working Group Convenors

JTC 1 expresses its appreciation to its three Ad Hoc Group Convenors, Isabelle Valet-Harper (Incubator), Phil Wennblom (Structure) and Harish Pillay (Tools) for the excellent leadership that they provided to their ad hoc groups. JTC 1 further thanks the Ad Hoc Group members for their participation and hard work.

JTC 1 further expresses its appreciation to Alison Holt (Convenor SC 7/WG 40) and John Graham (Convenor JTC 1/WG 6) for their leadership.

Acclamation

Appreciation H – SC 35 Chairman

JTC 1 expresses its appreciation to Dr. Yves Neuville for his dedication, support and exceptional leadership to both SC 35 and JTC 1 as a whole. His presence at JTC 1 meetings will be missed. JTC 1 wishes him the best in his new activities and responsibilities.

JTC 1 further expresses its congratulations to Dr. Yves Neuville on being distinguished as Chevalier dans l'ordre des Arts et Lettres, one of the most prestigious honors awarded in France. JTC 1 is proud that Dr. Neuville has been recognized for his outstanding contributions to cultural and linguistic diversity, accessibility and the advancement of French language support by information technology. This recognition is very much deserved.

Acclamation

Appreciation I – PAS Mentor

JTC 1 expresses its appreciation to John Hopkinson for serving as a PAS mentor. He provided very beneficial advice and guidance to his assigned PAS Submitters and the JTC 1 Chairman and Secretary very much appreciated his assistance.

Acclamation

Appreciation J – Drafting Committee

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

Acclamation

Appreciation K – JTC 1 Secretary

JTC 1 expresses its appreciation to its Secretary, Lisa Rajchel, for her continued outstanding service to the JTC 1 community throughout the year and during this meeting.

Acclamation

Appreciation L – JTC 1 Chairman

Last but certainly not least, JTC 1 expresses its appreciation to its Chairman, Karen Higginbottom, for her continued exemplary leadership, guidance and patience throughout the year and in conducting this JTC 1 meeting.

Acclamation