

Update on JTC 1 activities for IEC TC 100

Prepared by Kate Grant
IEC TC100 liaison to JTC 1
(note this complements the report from
Yoshihisa Narui)

Update on progress in various JTC 1 SWGs *since report to TC100 AGM in June*

- SWG-1 *Accessibility* met (by telecon) in September
- SWG-2 *Directives* met in London in August
- SWG-3 *Planning* met in Paris in June
- SWG-5 *Internet of Things* met in Washington in August
- SWG-6 *Management* met in London in August

SWG-1 Accessibility

- SWG-A has not had F2F meetings but various telecons to progress work since their meeting in Lexington 2012
- Updated Inventory of Accessibility and Accessibility-related Standards and Specifications is now available on the [ISO Online Browsing Platform \(OBP\)](#). Enter "inventory of accessibility" in the search field.
- All SWG documents are publicly available at http://www.jtc1access.org/documents/swga_docreg.htm
- **New area on web site with guidance on preparing accessible documents see** <http://www.jtc1access.org/guidance.htm>

SWG-2 Directives

London, 28/30 August 2013

- Presentation on IEC SEGs,
 - *systems evaluation group, with stakeholders from IEC, TCs, external organizations to evaluate necessity to create systems standards and define the architecture and boundaries of problem to be discussed (can produce variety documents but not standards)*
 - *Broad area of technology more than one TC*
 - *Identify stakeholders, roadmaps architectures and plan and organize standardisation activities*
 - *If can see need for technical work set up systems committee*
 - *Limited life 18-24 months*

SWG-2 Directives

London, 28/30 August 2013

- New documents annex SC, business plan and template and annex SF (hosting meetings) in ISO supplement circulated.
- Detailed review of minor changes to various parts of JTC 1 supplement and Standing Documents, new texts agreed and 2 month ballots initiated so that results are available for plenary
- Some specific inputs requested for May SWG-D meeting eg
 - **Recommendation 16 New ISO Clause 1.17, Liaison with Other Organizations** Having reviewed the new ISO clause 1.17, liaison with other organizations, the SWG-Directives determined that it would not adopt the new text at this time. However, following the JTC 1 November 2013 Plenary meeting, SWG-Directives request the JTC 1 Secretary to circulate for review and consideration the text of ISO clause 1.17 to JTC 1. Comments are due to the SWG-Directives Secretary by 10 March 2014 for review and consideration at the May 2014 SWG-Directives meeting in Sydney.
- **Recommendation 17 JTC 1 Standing Document Style Sheets**
The SWG-Directives instruct the Editors of the Standing Documents to be aware of and to consider accessibility issues when providing future updates to the Standing Document style sheets.

SWG-3 Planning meeting

Environmental Scan results

Ranking of topics for future JTC 1 work (Q1-8)

- Internet of Things
- Strategic Big Data
- Personal Cloud
- Hybrid IT and Cloud Computing
- Actionable Analytics
- Mobile Applications and HTML5
- Contextual and Social User Experience
- Enterprise App Stores

Ranking of responses on which trends most relevant to JTC 1

- Internet of Things
- Mobile Applications and HTML5
- Actionable Analytics
- Contextual and Social User Experience
- Enterprise App Stores
- Strategic Big Data
- Hybrid IT and Cloud Computing
- Personal Cloud

SWG-3 Planning meeting

St. Denis (Paris), France, 19/20 June 2013

- Environmental scan had more responses but agreed next year to try and separate input from individuals and consolidated views
- Issues discussed since JTC 1 does not have expertise in all areas eg advanced analytics, or AAL, but does need to protect core technology building blocks and ensure their reuse. There is a need to be more effective in working together with other groups and establishing competency borders
- Preparation of a template with structure and content requirements for future SWG-P Technology Trend Topic Reports

SWG-3 Planning meeting

St. Denis (Paris), France, 19/20 June 2013

- Review of draft report on Social Networking
- Review of draft report on Web Collaboration (Dr Zhang, China)
- Agree to place a version of the reports as information on public part of JTC 1 web site and also to circulate reports to SCs with some specific questions to ask for feedback.
- Possible new area of work "Smart Cities" (Ms Yuan, China)
- Recommend to plenary that JTC 1 form a Study Group on Smart Cities and a draft ToR prepared
- Review Standing Documents SD2 History and SD4 Planning

See www.jtc1info.org for better access to SC Business plans and plenary presentations

SWG-5 IoT Internet of Things

Washington, 20/21 August 2013

- Reports from the 3 AHGs which had progressed the work since the last meeting were presented including the mindmap developed in AHG 1 to try and capture areas covered in IoT.
- All AHGs were re-established with specific membership and a specific note saying additional volunteers may contact the Convenor
 - AHG 1 to develop a common understanding of IoT
 - AHG 2 to identify market requirements for IoT
 - AHG 3 to identify standardisation gaps and develop a standards roadmap for IoT

SWG-5 IoT Internet of Things

Washington, 20/21 August 2013

Much of the meeting was devoted to creating the report to the JTC 1 plenary, as having received the reports from the various AHGs and studied the mindmap it was clear that there is still considerable work to be done on achieving “a common understanding of IoT”

All SCs are to be encouraged to liaise with the SWG if they work on topics related to IoT as the liaison letters sent from first meeting to SCs and JTC 1 liaisons were not distributed promptly

Action: TC100 should appoint liaisons to SWG-IoT

SWG-5 IoT Internet of Things

Washington, 20/21 August 2013

- Meeting outputs include:
 - Collection of IoT definitions
 - IoT mindmap
 - Market requirements matrix
 - Collection of data related to IoT
 - Report to JTC 1 plenary
 - Two key areas that SWG 5 is working on are the gap in the standardization being done and the market needs for IoT. SWG 5 has identified the need for input from each of the JTC 1 SCs (and all other standards groups that have an influence on the IoT).

SWG-6 Management

London, 24/25 August 2013

- **Discussions on actions from Jeju:**
 - AHG on IT Governance reported. WG8 on Governance and Management of IT set up in Jeju, needed to find a way to define separation of work from ongoing work in other SCs (7/27/38) and decide whether there should be a WG or SC. **AHG set up to prepare a draft ToR for a new SC to be submitted to 2013 plenary**
 - JointAHG set up between SC24 and SC29 to work together on Augmented Reality. Report on progress and discussion on way forward (jointAHG is not a recognised process and the way of aligning balloting between 2 SCs might be problematic).

SWG-6 Management

London, 24/25 August 2013

- **Actions:**
 - SWG-M to progress updating background document re JTC 1 (mission, objectives etc, consistent use of terms IT/ICT etc since with better explanation of scope and nature of JTC 1's work there might be better discrimination of activities
 - Following discussion on generic topic of how to collaborate with other bodies AHG set up to explore options and models that might be employed between ITU and JTC 1 in the future (as definition of ICT in ITU to be agreed at plenipotentiary meeting in 2014) and provide an input on willingness to reconsider collaboration model to the ITU RevCom meeting in January

SWG-6 Management

London, 26/27 August 2013

- **Actions:**
 - SWG on Management to convene a session at the next JTC 1 Plenary on best practices to assist the Subgroups with self-promotion and evangelization of their work, encompassing the tools available to assist in drafting press releases, interviewing Subgroup Chairs, etc
 - **See www.jtc1info.org for better access to SC Business plans and plenary presentations**