ISO/IEC JTC 1/SC 35 N 1460

DATE: 2009-08-26

ISO/IEC JTC 1/SC 35

User Interfaces

Secretariat: AFNOR

DOC TYPE:	**Resolutions**
TITLE:	**Resolutions adopted during the 2009 Saskatoon Plenary**
SOURCE:	**35**
STATUS:	
ACTION ID:	**FYI**
DISTRIBUTION:	**Open**
MEDIUM:	**E**
NO. OF PAGES:	**10**

ISO/IEC JTC1/SC35 PLENARY RESOLUTIONS
Saskatoon, 2009-08-26

Resolutions

The following National bodies were present:
- Canada — P member
- France — P member
- Germany — P member
- Italy — P member
- Japan — P member
- Korea (Republic of) — P member
- Sweden — P member
- United Kingdom — P member
- United States of America — P member

Resolutions text

Resolution 2009.32:   FDIS 9995-1 Publication (WG1)

ISO/IEC JTC 1/SC 35 acknowledges the positive result of the FDIS 9995-1 ballot. WG1 having accepted the editorial comments received from Canada and Germany, SC35 recommends the Secretariat to submit a list of edits to ITTF and kindly requests the publication of this edited text.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.33:   FDIS 9995-2, -4, -5, -7, -8 Publication (WG1)

ISO/IEC JTC 1/SC 35 acknowledges the positive results of FDIS ballots on 9995-2, -4, -5, -7 and -8 which came through without comments and recommends the Secretariat to request their publication.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.34:   FDIS 9995-3 Ballot (WG1)

ISO/IEC JTC 1/SC 35 acknowledges the successful result of the FCD 9995-3 ballot, and comments submitted by ITTF. WG1 processed the received comments and produced a disposition of comments as well as a marked-up edited version of FCD 9995-3. SC35 requests its Secretariat to edit the resulting documents in the English and French languages for better formatting and submit it to ITTF for FDIS ballot.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.35:   **PDAM1 9995-7 Ballot (WG1)**

Following resolution 2009.10 adopted in Berlin (on subdivision of work to amend ISO/IEC 9995-7) and to subsequent approval by JTC1, ISO/IEC JTC 1/SC 35 resolves to send the PDAM1 9995-7-2009 document (SC35 N 1463) for PDAM registration and ballot.

At the same time, SC35 further kindly requests Mr Karl Pentzlin to contact Ms Anette Schwuchow in order to:
- check that there is no collision with already standardized symbols in ISO 7000, and
- accelerate registration of the new symbols in ISO 7000 or IEC 60417 database in order to be ready for the next ballots.

➤ *Adopted by consensus (US abstains)*

Resolution 2009.36:   **WD 9995-9 (WG1)**

ISO/IEC JTC 1/SC 35 acknowledges the positive result of the NP 9995-9 ballot and requests the 3 coeditors led by Mr Karl Pentzlin to prepare a new Working draft for a subsequent meeting.

The production targets are therefore readjusted as follows:
- CD registration and ballot 2010-04
- FCD ballot 2011-02

In the meantime, SC35 resolves to accept the disposition of the NP ballot comments (SC35 N 1456).

➤ *Adopted by consensus (US abstains)*

Resolution 2009.37:   **NP 9995-10 "Conventional ways to represent graphic characters not recognizable on keyboards and documentation" (WG1)**

Pending acceptation by the German national body to submit this as a New proposal, ISO/IEC JTC 1/SC 35 resolves to send document SC35 N 1464 "NP on Conventional symbols and methods to distinguish similar characters" for NP ballot, the goal of which is to create a new part 10 of ISO/IEC 9995 titled "Conventional symbols and methods to represent graphic characters not uniquely recognizable by their glyph on a keyboard and in documentation".

➤ *Adopted by consensus (US abstains)*

Resolution 2009.38:   **Progress of project ISO/IEC 29135 titled "Framework for text entry based on a 3x3 matrix layout" (WG1)**

As this project did not reach CD stage before August 2009, ISO/IEC JTC 1/SC 35 resolves to cancel it, with the agreement of the project editor.

➤ *Adopted by consensus (US abstains)*

Resolution 2009.39:   **FCD 11581-40 (WG2, WG7)**

ISO/IEC JTC 1/SC 35 requests the editor of ISO/IEC 11581-40, Prof. Emeritus Hiroaki Ikeda to forward the FCD text of ISO/IEC 11581-40 to the SC35 secretariat, alongside with the agreed disposition of comments (N1415) received during the CD ballot, immediately after the meeting. The Secretariat is then instructed to initiate FCD ballot in time for the results to be available by the next WG2 meeting in February 2010.

➤ *Adopted by consensus (Germany abstains)*

Resolution 2009.40:   **Systematic review of ISO 13251 (WG2)**

ISO/IEC JTC 1/SC 35 recommends its members reconfirm ISO 13251, which is currently under Systematic review.

➢ *Adopted by consensus (Germany and US abstain)*

Resolution 2009.41:   **Extending the mandate of OWG-NUIM (OWG-NUIM, WG4 and WG1)**

OWG-NUIM (New User Interface Mechanism - Study Group on 4-direction key) agreed to continue to investigate the 4-direction key subject to make a working draft. ISO/IEC JTC 1/SC 35 herewith extends the mandate of OWG NUIM for one year and nominates Mr Hidenori Sakai as its convenor, under condition of the Japanese member body endorsement.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.42:   **Method of navigation in a ladder menu with a 4-direction keys (OWG-NUIM, WG4 and WG1)**

ISO/IEC JTC 1/SC 35 gratefully acknowledges the work and presentation made by OWG-NUIM on 4-direction key, and kindly invites OWG-NUIM to prepare a new work item tentatively titled "Method of navigation in a ladder menu with a 4-direction keys", with the intent that this work item be assigned to WG4. It is intended that Mr. Hidenori Sakai be the project editor, under condition of the Japanese member body endorsement.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.43:   **NP Symbols, icons, characters and glyphs (SIChaG, WG5)**

ISO/IEC JTC 1/SC 35 resolves to send SC35 N 1464 "NP on symbols, icons, characters and glyphs" for NP ballot after producing an accompanying Working draft incorporating the Japanese contribution (SC 35 N 1465), pending acceptation by the Canadian national body to submit the document as a New proposal for a Type 3 Technical Report.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.44:   **NP on Universally-available personal computing environment (WG5)**

ISO/IEC JTC 1/SC 35 invites Mr Keld Simonsen and the Swedish member body to submit an NP for a Type 3 Technical report tentatively titled "Universally-available personal computing environment (on the internet)".

➢ *Adopted by consensus (US abstains)*

Resolution 2009.45:   **Extending the mandate of OWG-VC (OWG-VC, WG4 and WG5)**

OWG-VC (Study Group on Voice Command) agreed to continue to investigate the Voice Command subject to make a working draft. ISO/IEC JTC 1/SC 35 herewith extends the mandate of OWG VC for one year and nominates Dr. Yoshikazu Seki as its convenor, under condition of the Japanese national body endorsement.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.46:   **Voice Command (OWG-VC, WG4 and WG5)**

ISO/IEC JTC 1/SC 35 gratefully acknowledges the work and presentation made by OWG-VC on voice command, and kindly invites OWG-VC to prepare a new work item, with the intent that this work item be assigned to WG5 as a multilingual standard (text body in English and in French with annexes in multiple languages under the responsibility of the interested national bodies). It is intended that Dr. Yoshikazu Seki be the project editor, under condition of the Japanese national body endorsement.

➢ *Adopted by consensus (US abstains)*

Resolution 2009.47:   **Resetting project target dates for project ISO/IEC 29136 titled "Information Technology — User Interfaces — Hardware Accessibility features for personal computers" (WG6)**

ISO/IEC JTC 1/SC 35 recognizes that while progress is being made on project ISO/IEC 29136, considerable work is still required. SC35 instructs its Secretariat to convey this information to ITTF and to request an extension of project target dates in line with the expectation that a second CD will need to be issued in mid-2010. The new project development milestones would be set along the following timeframe:

- CD 29136.2 registration 2010-04
- FCD 29136 registration 2011-03
- FDIS 29136 registration 2012-03

➢ *Adopted by consensus*

Resolution 2009.48:   **Progress of project ISO/IEC 29136 titled "Information Technology — User Interfaces — Hardware accessibility features for personal computers" (WG6)**

ISO/IEC JTC 1/SC 35 requests Mr Shigetoyo Nomura, Editor of ISO/IEC 29136, to make the required changes discussed in the WG6 meeting to the CD and to have a suitable draft distributed to members of WG6 by the end of November 2009. The members of WG6 will then be asked to review it and provide comments by the end of January 2010. The progress of the project will be discussed at the next meeting of WG6 in February 2010.

➢ *Adopted by consensus*

Resolution 2009.49:   **Support to the development of ISO/IEC 29136, reference to other standards (WG6)**

Mr Richard Hodgkinson is kindly requested to communicate ETSI TR 102 612 to Mr Shigetoyo Nomura, Editor of 29136, pointing at the standards listed in this TR that are relevant to 29136. Mr John Weigelt and Mr David Fourney are kindly requested to provide further guidance on relevant standards.

➢ *Adopted by consensus*

Resolution 2009.50: **Establishment of ad hoc to progress project 13066-1 titled "Information Technology — Interoperability with Assistive Technology (AT) - Part 1: Requirements and recommendations for interoperability" (WG6)**

ISO/IEC JTC 1/SC 35 establishes an ad hoc (composed of Convenor Dr Jim Carter, Members Mr Norm Hodne, Ms Andi Snow-Weaver, Mr Randy Marsden and Mr Peter Korn) to perform further editing on project 13066-1 titled "Information Technology — Interoperability with Assistive Technology (AT) - Part 1: Requirements and recommendations for interoperability" as soon as possible, and to circulate the revised document among the members of WG6 for discussion at their February 2010 meeting. This ad hoc is also requested to establish a style guide for the AT API TRs within the 13066 series.

➢ *Adopted by consensus*

Resolution 2009.51: **Progress of project ISO/IEC 13066-2 titled "Information Technology — Interoperability with Assistive Technology (AT) - Part 2: Windows Automation Framework accessibility API" (WG6)**

ISO/IEC JTC 1/SC 35 requests the editor of project 13066-2, Mr Norm Hodne, to make the revisions to the WD agreed to in the WG6 meeting and based on style guide for the AT API TRs within the 13066 series and to submit the resulting document to the SC35 Secretariat to be distributed as an N document in time for it to be discussed at the WG6 meeting in February 2010.

➢ *Adopted by consensus*

Resolution 2009.52: **Progress of project ISO/IEC 13066-3 titled "Information Technology — Interoperability with Assistive Technology (AT) - Part 3: IAccessible2 accessibility API" (WG6)**

ISO/IEC JTC 1/SC 35 requests the editor of project 13066-3, Ms Andi Snow-Weaver, to make the revisions to the WD agreed to in the WG6 meeting and based on style guide for the AT API TRs within the 13066 series and to submit the resulting document to the SC35 secretariat to be distributed as an N-document in time for it to be discussed at the WG6 meeting in February 2010.

➢ *Adopted by consensus*

Resolution 2009.53: **NP 13066-4 Java accessibility API (WG6)**

ISO/IEC JTC 1/SC 35 kindly requests the Canadian member body to submit a New proposal titled "Information Technology — Interoperability with Assistive Technology — Java accessibility API" by 2009-10-15 and to send it to the Secretariat. The Secretariat is then requested to submit it to SC35 for NP ballot as a Type 3 Technical report.

➢ *Adopted by consensus*

Resolution 2009.54: **NP 13066-6 Linux accessibility API (WG6)**

ISO/IEC JTC 1/SC 35 kindly requests the Canadian member body to submit a New proposal titled "Information Technology — Interoperability with Assistive Technology — Linux accessibility API" by 2009-10-15 and to send it to the Secretariat. The Secretariat is then requested to submit it to SC35 for NP ballot as a Type 3 Technical Report.

➢ *Adopted by consensus*

Resolution 2009.55:   **Potential new TR on 24756 and AT (WG6)**

ISO/IEC JTC 1/SC 35 kindly requests Mr David Fourney to explore the potential to develop a TR for applying ISO/IEC 24756 to identifying needs for supporting AT. Other ongoing work should also be taken into account. Mr Fourney is requested to report on this exploration at the next WG6 meeting in February 2010.

➢ *Adopted by consensus*

Resolution 2009.56:   **Changes to DTR 11581-1 titled "Information Technology — User Interface Icons - Part 1: Introduction to and overview of icon standards" (WG7)**

Given the changes to the definition of "icon" and the introduction of Part 41 to the ISO/IEC 11581 series, ISO/IEC JTC 1/SC 35 states it is impractical to publish the approved DTR of ISO/IEC 11581-1 without reflecting this new context.

SC35 requests the editor, Dr Jim Carter, to revise DTR 11581-1 titled "Information Technology — User Interface Icons — Part 1: Introduction to and overview of icon standards" and to submit the revised version to the SC35 Secretariat for a 3-month approval ballot among SC35 Members as soon as possible. SC35 then requests its Secretariat to send the revised document for a Second DTR ballot.

➢ *Adopted by consensus (Germany abstains)*

Resolution 2009.57:   **Preparation of FCD 11581-10 titled "Information Technology — User Interface Icons — Part 10: Framework and general guidance" (WG7)**

ISO/IEC JTC 1/SC 35 requests the editor of project 11581-10, Dr Jim Carter, to make the revisions to the CD agreed to in the WG7 meeting and to submit the resulting document along with its disposition of comments to the SC35 Secretariat to be distributed as a pair of N-documents in time for them to be discussed at the WG7 meeting in February 2010.

➢ *Adopted by consensus (Germany abstains)*

Resolution 2009.58:   **Change of title of 11581-41 to "Information Technology – User Interface Icons – Part 41: Data structure to be used by the ISO/IEC JTC1/SC35 Icon Database" (WG2, WG7)**

ISO/IEC JTC 1/SC 35 resolves to change the title of project ISO/IEC 11581-41 to "Information Technology – User Interface Icons – Part 41: Data structure to be used by the ISO/IEC JTC1/SC35 Icon Database" and instructs the SC35 Secretariat to register this change with ITTF.

➢ *Adopted by consensus (Germany abstains)*

Resolution 2009.59:   **Appointment of project editors for project 11581-41 titled "Information Technology – User Interface Icons – Part 41: Data structure to be used by the ISO/IEC JTC1/SC35 Icon Database" (WG2, WG7)**

ISO/IEC JTC 1/SC 35 appoints Dr Jim Carter as project editor and Mr Richard Hodgkinson as project co-editor for project ISO/IEC 11581-41 titled "Information Technology – User Interface Icons – Part 41: Data structure to be used by the ISO/IEC JTC1/SC35 Icon Database".

➢ *Adopted by consensus (Germany abstains)*

<u>Resolution 2009.60:</u>   Progress of project 11581-41 titled "Information Technology – User Interface Icons – Part 41: Data structure to be used by the ISO/IEC JTC1/SC35 Icon Database" (WG2, WG7)

ISO/IEC JTC 1/SC 35 requests Dr Jim Carter and Mr Richard Hodgkinson, editors of project ISO/IEC 11581-41 titled "Information Technology – User Interface Icons – Part 41: Data structure to be used by the ISO/IEC JTC1/SC35 Icon Database" to take into account the comments and National body contributions received (SC35 N 1440) and to prepare a Working draft and to submit it to the SC35 Secretariat to be distributed as an N-document in time for it to be discussed at the WG7 meeting in February 2010.

➢ *Adopted by consensus (Germany abstains)*

<u>Resolution 2009.61:</u>   SC 35/ETSI Human Factor Liaison

ISO/IEC JTC 1/SC 35 nominates Mr Richard Hodgkinson (UK) as its candidate liaison representative between ISO/IEC JTC 1/SC 35 (User interfaces) and the European Telecommunications Standards Institute (ETSI) Human Factors committee. Mr Richard Hodgkinson (UK) is kindly requested to investigate the possibilities and report at the SC 35 General Orientation Meeting in February 2010.

➢ *Adopted by consensus*

<u>Resolution 2009.62:</u>   JTC 1/SC 35 Scope

ISO/IEC JTC 1/SC 35 resolves to modify its Scope and instructs its Secretariat to submit the following wording to JTC 1 on time for approval at its next Plenary in Tel-Aviv:

Standardization in the field of user-system interfaces in information and communication technology (ICT) environments and support for these interfaces to serve all users, including people having accessibility or other specific needs, with a priority of meeting the JTC 1 requirements for cultural and linguistic adaptability.

This includes:
- *user interface accessibility (requirements, needs, methods, techniques and enablers);*
- *cultural and linguistic adaptability and accessibility (such as evaluation of cultural and linguistic adaptability of ICT products, harmonized human language equivalents, localization parameters, voice messaging menus...);*
- *user interface objects, actions and attributes;*
- *methods and technologies for controlling and navigating within systems, devices and applications in visual, auditory, tactile and other sensorial modalities (such as by voice, vision, movement, gestures...);*
- *symbols, functionality and interactions of user interfaces (such as graphical, tactile and auditory icons, graphical symbols and other user interface elements);*
- *visual, auditory, tactile and other sensorial input and output devices and methods in ICT environments (for devices such as keyboards, displays, mice…);*
- *user interfaces for mobile devices, hand-held devices and remote interactions.*

➢ *Adopted by consensus*

Resolution 2009.63:   Future meetings

Future meetings of ISO/IEC JTC 1/SC 35 are scheduled as follows:

2010-02-22/26	GOM	Madrid, Spain
2010-08-16/20	Plenary	South America or Korea (tentative)
2011-02-14/18 or 2011-02-21/25 (tentative)	GOM	Bellevue/Seattle, USA
2011-08 (tentative)	Plenary	Sweden (tentative)
2012-02 (tentative)	GOM	Asia (tentative)

Note: GOM stands for General Orientation Meeting.

➢ *Adopted unanimously*

Resolution 2009.64:   Appreciation to the chairman and conveners

ISO/IEC JTC 1/SC 35 thanks for their kind and excellent conduct Dr. Yves Neuville for chairing the Plenary and convening WG5, Mr. Alain LaBonté for convening WG1, Dr. Yoshikazu Yamamoto for convening WG 2 and the joint meeting of WG2 and WG7, Mr. Yoshihide Nakao for convening WG4 and OWG-NUIM and OWG-VC, and Dr. Jim Carter for convening WG6 and WG7.

➢ *Adopted unanimously with applause*

Resolution 2009.65:   Appreciation to the drafting committee

ISO/IEC JTC 1/SC 35 thanks Dr Jim Carter, Mr Thorsten Katzmann, Mr Alain LaBonté, Mr Philippe Magnabosco, Dr Yves Neuville, Dr Yoshikazu Seki, Mr Keld Simonsen, Mr Dave Welsh for their excellent and fruitful work in the drafting committee.

➢ *Adopted unanimously with applause*

Resolution 2009.66:   Appreciation to our host, SCC

ISO/IEC JTC 1/SC 35 welcomes and thanks Standards Council of Canada (SCC), in particular Ms Roz Waddell, and the SCC staff, for the organization of the meeting.

➢ *Adopted unanimously with applause*

Resolution 2009.67:   Appreciation to our host, University of Saskatchewan

ISO/IEC JTC 1/SC 35 welcomes and thanks University of Saskatchewan, in particular Dr Jim Carter, Mr Edgar Lelei, and Mr Shane Doucette and the University of Saskatchewan staff for the organization of the meeting and the outstanding hospitality for national bodies experts in Saskatoon.

➢ *Adopted unanimously with applause*

Resolution 2009.68:   Special Appreciation for the facilities provided at the meeting

ISO/IEC JTC 1/SC 35 wants to address its thanks to Dr Eric Neufeld, the University of Saskatchewan Computer Science Department, and the University of Saskatchewan USERLab for providing facilities for the meeting.

➢ *Adopted unanimously with applause*

Resolution 2009.69: Special Appreciation to Dr Carter and Mrs Carter

ISO/IEC JTC 1/SC 35 wants to address special thanks to Dr Jim Carter and Mrs Nancy Carter for organizing and hosting a very warm and friendly reception at their home.

➢ *Adopted unanimously with applause*

Resolution 2009.70: Appreciation to Microsoft Canada for sponsoring the meeting

ISO/IEC JTC 1/SC 35 finally wants to address its best thanks to Microsoft Canada, and especially Mr John Weigelt and Mr Jim MacFie, for sponsoring catering for the whole meeting and the reception.

➢ *Adopted unanimously with applause*

❧ ❧ ❧ ❧ ❧ ❧ **End of resolutions** ❧ ❧ ❧ ❧ ❧ ❧