

ISO/IEC JTC 1/SC 35 N 1525

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ISO/IEC JTC 1/SC 35

User Interfaces

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ISO/IEC JTC1/SC 35 GOM RESOLUTIONS

Madrid, 2010-02-26

Resolutions

Attendance

The following National bodies were present:

- Canada — P member
- France — P member
- Germany — P member
- Italy — P member
- Japan — P member
- Sweden — P member
- Spain — P member
- United Kingdom — P member
- United States of America — P member

Resolutions text

Resolution 2010.1: PDAM1 9995-7 Ballot Results and progressing to FPDAM (WG1)

ISO/IEC JTC 1/SC 35 resolves to send document SC 35 N 1522 (Amendment 1 to ISO/IEC 9995-7 “Information technology – Keyboard layouts for text and office systems – Part 7: Symbols used to represent functions”) for FPDAM ballot alongside the disposition of comments on the PDAM1 ballot (N 1523). The documents should be sent for ballot by the Secretariat at the latest on March 31, 2010, so that the ballot be initiated on time to get results for the next ISO/IEC JTC 1/SC 35/WG1 meeting.

➤ *Adopted by consensus (US abstains)*

Resolution 2010.2: WD 9995-9 (WG1)

ISO/IEC JTC 1/SC 35 requests the 3 co-editors led by Mr Karl Pentzlin to prepare a new Working draft 9995-9 “Information technology – Keyboard layouts for text and office systems – Part 9: Multilingual-usage, multiscrypt keyboard group layouts” for a subsequent meeting.

The production targets are therefore readjusted as follows:

- CD registration and ballot 2010-09
- FCD ballot 2011-02

➤ *Adopted by consensus (US abstains)*

Resolution 2010.3: Acknowledging positive results of NP 9995-10 ballot and intention to directly launch FCD ballot at the next meeting (WG1)

ISO/IEC JTC 1/SC 35 acknowledges the positive result of the ballot on NP 9995-10 "Information technology — Keyboard layouts for text and office systems — Part 10: Conventional symbols and methods to represent graphic characters not uniquely recognizable by their glyph on keyboards and in documentation" as published in document SC 35 N 1510. After review of the working draft presented by Mr. Karl Pentzlin and commented by Pr. Ikeda, ISO/IEC JTC 1/SC 35 resolves that Mr. Alain LaBonté complete the normative text of the standard and that WG1 experts review the work using the WG1 mailing list before the next SC 35 meeting. ISO/IEC JTC 1/SC 35 also expects that the first ballot will be an FCD ballot to be held after the next meeting, as it is anticipated that the document will then be complete.

➤ *Adopted by consensus (US abstains)*

Resolution 2010.4: Appointment of project Editors for project 9995-10 titled "Conventional symbols and methods to represent graphic characters not uniquely recognizable by their glyph on a keyboard and in documentation" [Symboles et méthodes conventionnels pour représenter sur clavier et dans la documentation des caractères graphiques non reconnaissables de façon univoque par leur glyphe] (WG1)

ISO/IEC JTC 1/SC 35 appoints Mr. Karl Pentzlin as Project editor and Mr. Alain LaBonté as project co-editor for project ISO/IEC 9995-10 titled "Information technology — Keyboard layouts for text and office systems — Part 10: Conventional symbols and methods to represent graphic characters not uniquely recognizable by their glyph on keyboards and in documentation".

➤ *Adopted by consensus (US Abstains)*

Resolution 2010.5: Request to TC 145/SC 3 for registering 9995-7 and 9995-10 symbols (WG1)

ISO/IEC JTC 1/SC 35 requests its Secretariat to send a request to TC145 SC3 Secretariat (ANSI) to ask for provisional registration numbers of the set of new symbols produced for 9995-7 "Information technology -- Keyboard layouts for text and office systems -- Part 7: Symbols used to represent functions" and 9995-10 "Information technology — Keyboard layouts for text and office systems — Part 10: Conventional symbols and methods to represent graphic characters not uniquely recognizable by their glyph on keyboards and in documentation", and designed in accordance with IEC 80416-1 and ISO 80416-2.

The set of symbols was produced by Ms Anette Schwuchow and Mr. Karl Pentzlin before and during the meeting and are provided in documents SC 35 N 1522 and N 1524 (FPDAM 9995-7 and current WD 9995-10).

➤ *Adopted by consensus (US abstains)*

Resolution 2010.6: Revision of TR 15440:2005, Future keyboards and other [associated] input devices and [related] entry methods (WG1)

ISO/IEC JTC 1/SC 35 requests its member bodies to review the current TR 15440 (Future keyboards) which WG1 intends to review to include new trends such as projected keyboards, new parts of ISO/IEC 9995, uniform personal access to the Internet, automotive industry requirements (eg. hands-free telephone integration), computer-captured handwritten input, etc.

The words “associated” and “related” should be removed from the title of the future version of the TR.

ISO/IEC JTC 1/SC 35 also welcomes contribution from outside the Committee and invites new experts to seek participation through their national bodies.

- *Adopted by consensus (US abstains)*

Resolution 2010.7: Title of 11581-40 (WG 2, WG 7)

ISO/IEC JTC 1/SC 35 requests the Secretariat to adjust the title of 11581-40 to be “Information Technology — User interface icons — Part 40: Management of icon registration”.

- *Adopted by consensus (Germany abstains)*

Resolution 2010.8: Preparation of FDIS 11581-40 (WG 2, WG 7)

ISO/IEC JTC 1/SC 35 requests the Editor of ISO/IEC 11581-40 “Information Technology — User interface icons — Part 40: Management of icon registration”, Prof. Emeritus Hiroaki Ikeda, to forward the revised FCD text of ISO/IEC 11581-40 to the SC 35 Secretariat, alongside with the agreed disposition of comments received during the FCD ballot and taking into account the WG discussion, immediately after the meeting. ISO/IEC JTC 1/SC 35 Secretariat is then requested to submit ISO/IEC 11581-40 to ITTF for FDIS voting.

- *Adopted by consensus (Germany abstains)*

Resolution 2010.9: Disbanding OWG NUIM (OWG-NUIM, WG4, with WG1 and WG6)

Upon request by OWG NUIM (Study Group on 4-Direction Keys), ISO/IEC JTC 1/SC 35 disbands OWG NUIM. Work items concerning Navigation methods for ladder menu with 4-direction keys will be assigned to WG4, and will be followed up with in joint meetings with WG1 and WG6.

- *Adopted by consensus*

Resolution 2010.10: 4-Direction Keys (OWG-NUIM, WG4, with WG1 and WG6)

ISO/IEC JTC 1/SC 35 gratefully acknowledges the work and presentation made by OWG-NUIM on 4-Direction Keys, and instructs the Secretariat to register a Preliminary work item on 4-Direction keys. ISO/IEC JTC 1/SC 35 kindly invites the Japanese national body to prepare and put forward a new work item proposal.

- *Adopted by consensus (US abstains)*

Resolution 2010.11: Disbanding OWG VC (OWG-VC, WG5, with WG 1, WG4, WG6)

Upon request by OWG VC (Voice Command), ISO/IEC JTC 1/SC 35 disbands OWG VC. Work items concerning Voice Command will be assigned to WG5 and will be followed up with in joint meetings with WG1, WG4 and WG6.

➤ *Adopted by consensus*

Resolution 2010.12: Voice Command (OWG VC, WG5, with WG 1, WG4, WG6)

ISO/IEC JTC 1/SC 35 gratefully acknowledges the work and presentation made by OWG-VC on voice command, and instructs the Secretariat to register four preliminary work items for a multi-part standard that will eventually include the following four parts:

- Part 1: Framework and general guidance
- Part 2: Procedures for constructing and testing
- Part 3: Translation issues and inter-language issues for voice command
- Part 4: Management of voice command registration

➤ *Adopted by consensus (US abstains)*

Resolution 2010.13: Voice Command (OWG VC, WG5, with WG 1, WG4, WG6)

ISO/IEC JTC 1/SC 35 kindly invites the Japanese national body to prepare a new work item for Part 4 of the intended multi-part Voice Command standard, and to propose Dr. Yoshikazu Seki to be project Editor.

➤ *Adopted by consensus (US abstains)*

Resolution 2010.14: Result of voting on NP N1464 and N1465 (WG5)

ISO/IEC JTC 1/SC 35 acknowledges the positive results of the NP ballot in N1464 and N1465, titled "Symbols, icons, characters and glyphs", without comments. The project will be registered as ISO/IEC 20007.

ISO/IEC JTC 1/SC 35 appoints Mr. Alain LaBonté as the project Editor, and requests him to write a WD for the next WG5 meeting.

➤ *Adopted by consensus (US abstains)*

Resolution 2010.15: NP on Specification methods for cultural conventions (WG5)

Noting Resolution 07-08 of ISO/IEC JTC1/SC22 Plenary, ISO/IEC JTC 1/SC 35 hereby invites the Swedish member body to submit a New Proposal for a type 2 TR on "Specification methods for cultural conventions", plus an accompanying document for concurrent registration and PDTR ballot, based on ISO/IEC TR 14652.

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

Resolution 2010.16: NP on Universally available personal computing environment (including on the internet) (WG5, with WG6)

ISO/IEC JTC 1/SC 35 invites the Swedish member body to submit an NP for a Type 3 Technical report tentatively titled "Universally available personal computing environment (including on the internet)". Mr Keld Simonsen volunteers to be the Project editor. It is intended that this project will be assigned to WG5 and followed up with in joint meetings with WG 6.

➤ *Adopted by consensus (US abstains)*

Resolution 2010.17: 2nd CD 29136 "Information technology — User interfaces — Accessibility of personal computer hardware" (WG6)

ISO/IEC JTC 1/SC 35 requests the Editor of ISO/IEC 29136, Mr Nomura to forward the 2nd CD text of ISO/IEC 29136 (N 1526) to the convenor Dr. Jim Carter who will check it over and forward it to the ISO/IEC JTC 1/SC 35 Secretariat, alongside with a compendium of comments received during the first CD ballot and subsequent WG6 enquiries (N1527), immediately after the meeting. The Secretariat is then instructed to initiate a 2nd CD ballot in time for the results to be available by the next WG6 meeting in August 2010.

➤ *Adopted by consensus*

Resolution 2010.18: Name change for ISO/IEC 29136 (WG6)

ISO/IEC JTC 1/SC 35 requests its Secretariat to officially change the name of ISO/IEC 29136 to "Information technology — User interfaces — Accessibility of personal computer hardware".

➤ *Adopted by consensus*

Resolution 2010.19: Thanks for Report on Extending the CAP (WG6)

ISO/IEC JTC 1/SC 35 thanks Mr. David Fourney for the report on possibilities of extending the CAP (ISO/IEC 24756 "Information technology -- Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments") to form the basis for a portable user profile.

➤ *Adopted by consensus*

Resolution 2010.20: FCD 13066-1 "Information Technology -- Interoperability with Assistive Technology (AT) -- Part 1: Requirements and recommendations for interoperability" (WG6)

ISO/IEC JTC 1/SC 35 requests Dr Jim Carter to forward the FCD version (N 1528) to the ISO/IEC JTC 1/SC 35 Secretariat, alongside with the revised disposition of comments (N 1529) 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 as soon as possible before the next WG6 meeting in August 2010.

➤ *Adopted by consensus*

Resolution 2010.21: Style guide for TRs in the 13066 "Information Technology -- Interoperability with Assistive Technology (AT)" multi-part standard (WG6)

ISO/IEC JTC 1/SC 35 adopts the style guide for Accessibility API TRs in the 13066 multi-part standard (N 1530) and asks all Editors of Accessibility API TRs in the 13066 multi-part standard to follow this style guide in preparation of their documents.

➤ *Adopted by consensus*

Resolution 2010.22: Name change for ISO/IEC 13066-4 "Information Technology — User interfaces — Interoperability with assistive technology – Part 4: Linux / UNIX graphical environments accessibility API" (WG6)

ISO/IEC JTC 1/SC 35 requests its Secretariat to officially change the name of ISO/IEC 13066-4 to ISO/IEC 13066-4 "Information Technology — User interfaces — Interoperability with assistive technology – Part 4: Linux / UNIX graphical environments accessibility API".

ISO/IEC JTC 1/SC 35 further instructs the Secretariat to work together with the Editor to develop a document explaining how this title clarifies the intent of TR 13066-4.

➤ *Adopted by consensus*

Resolution 2010.23: Appointment of Editor of ISO/IEC 13066-4 "Information Technology — User interfaces — Interoperability with assistive technology – Part 4: Linux / UNIX graphical environments accessibility API" (WG6)

ISO/IEC JTC 1/SC 35 appoints Ms. Janina Sajka as Editor of ISO/IEC 13066-4 "Information Technology — User interfaces — Interoperability with assistive technology – Part 4: Linux / UNIX graphical environments accessibility API".

➤ *Adopted by consensus*

Resolution 2010.24: Appointment of Editor of ISO/IEC 13066-6 "Information Technology — User interfaces — Interoperability with assistive technology – Part 6: Java accessibility API" (WG6)

ISO/IEC JTC 1/SC 35 appoints Dr. Jim Carter as Editor of ISO/IEC 13066-6.

➤ *Adopted by consensus*

Resolution 2010.25: Progress of ISO/IEC 13066 Accessibility API TRs (WG6)

ISO/IEC JTC 1/SC 35 requests the Editors of Accessibility API TRs in the 13066 multi-part standard to submit new drafts by May 31st for posting as N-numbered documents and consideration by ISO/IEC JTC 1/SC 35 experts. WG6 experts are asked to forward their comments to the Editors by June 30. Editors are asked to produce a new draft to be posted by July 31st.

➤ *Adopted by consensus*

**Resolution 2010.26: Balloting of 2nd DTR 11581-1 "Information technology
— User interface icons - Part 1: Introduction to and overview of icon standards"
(WG7)**

ISO/IEC JTC 1/SC 35 requests its Secretariat to send the revised document N 1531 for a Second DTR ballot in accordance with SC 35 Resolution 2009.56.

- *Adopted by consensus (Germany abstains)*

**Resolution 2010.27: Balloting of FDIS 11581-10 titled "Information
Technology -- User Interface Icons -- Part 10: Framework and general guidance"
(WG7)**

ISO/IEC JTC 1/SC 35 requests its Secretariat to submit the revised document (N 1532) to ITTF for FDIS ballot along with its disposition of comments (N1501) in time for the ballot results to be discussed at the WG7 meeting in August 2010.

- *Adopted by consensus (Germany abstains)*

**Resolution 2010.28: Balloting of CD 11581-41 titled "Information
Technology -- User Interface Icons -- Part 41: Data structure to be used by the
ISO/IEC JTC1/SC 35 Icon Database" (WG7)**

ISO/IEC JTC 1/SC 35 requests its Secretariat to send document (N 1533) for CD ballot in time for the ballot results to be discussed at the WG7 meeting in August 2010.

- *Adopted by consensus (Germany abstains)*

**Resolution 2010.29: Expertise on Web service standards for development of
an extension to the ISO/IEC 24752 series on Universal Remote Consoles (WG8)**

ISO/IEC JTC 1/SC 35 requests its member bodies to investigate their constituency with regard to experts on Web services. Such national experts are invited to participate in the development of a possible extension of the Universal Remote Console standards on Web service integration.

- *Adopted by consensus (Germany abstains)*

Resolution 2010.30: Cooperation with ISO/IEC JTC 1/SC 38 (WG8)

The ISO/IEC JTC 1/SC 35 Secretariat is requested to contact the Secretariat of JTC 1/SC 38 on Distributed application platforms and services (DAPS) to investigate establishing a working relationship. This cooperation could be helpful in the development of a possible extension of the Universal Remote Console (URC) multi-part standard ISO/IEC 24752 on Web service integration.

- *Adopted by consensus (Germany abstains)*

**Resolution 2010.31: Work on a possible part 6 of ISO/IEC 24752 Universal
Remote Console (WG8)**

ISO/IEC JTC 1/SC 35 requests Dr. Gottfried Zimmermann to provide a document on "URC Web service integration", and distribute it to the WG8 experts for discussion at the next WG8 meeting. This document is intended to then be sent out as a Working Draft supporting an NP for a 6th part of ISO/IEC 24752, Universal Remote Console, after the next WG8 meeting.

- *Adopted by consensus (Germany abstains)*

Resolution 2010.32: Future meetings

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

2010-08-23/27	Plenary	South America or Italy (tentative)
2011-02-21/25	GOM	Bellevue/Seattle, USA
2011-08 (tentative)	Plenary	Sweden (tentative)
2012-02 (tentative)	GOM	Republic of Korea (tentative)

Note: GOM stands for General Orientation Meeting.

- *Adopted unanimously*

Resolution 2010.33: Tribute to Kenneth Holdaway (1930-2009)

During its opening plenary meeting, one minute's silence was held by ISO/IEC JTC 1/SC 35 in respect and remembrance of Mr. Kenneth Holdaway of the USA, who passed away in March 2009. Ken was the convenor of the predecessor of JTC 1/SC 35 (ISO/IEC JTC 1/SC 18/WG 9) from 1984 to 1998. He was a real gentleman and will be remembered for his strong and excellent leadership, vision, diplomacy, and knowledge. He will be sorely missed.

ISO/IEC JTC 1/SC 35 requests the Secretariat to write to Mrs Eileen Holdaway on behalf of the SC 35 chairman and experts to express their sadness at Ken's departure, inform her of the one minute's silence and acknowledge his excellent work for SC 18/WG 9. ISO/IEC JTC 1/SC 35 would also like to thank Mrs Holdaway for her support to his contributions.

- *Adopted unanimously with applause*

Resolution 2010.34: Appreciation to the chairman, conveners and secretary

ISO/IEC JTC 1/SC 35 thanks for their kind and excellent conduct Dr. Yves Neuville for chairing the General meeting and convening WG5, Mr Alain LaBonté for convening WG1, Prof. Hiroaki Ikeda for acting as convenor of WG 2 and the joint meeting of WG2 and WG7, Mr Yoshihide Nakao for convening WG4 and acting as convenor of OWG-NUIM, Dr Yoshikazu Seki for convening OWG-VC, Dr Jim Carter for convening WG6 and WG7, Dr Gottfried Zimmermann for convening WG 8, and Mr Philippe Magnabosco for managing the Secretariat of SC 35 during the Madrid meeting.

- *Adopted unanimously with applause*

Resolution 2010.35: Appreciation to the drafting committee

ISO/IEC JTC 1/SC 35 thanks Dr Jim Carter, Mr Olivier Colas, Mr David Fourney, Mr Alain LaBonté, Mr Philippe Magnabosco, Dr Monique Mai, Dr Yves Neuville, Dr Yoshikazu Seki, Mr Dave Welsh for their excellent and fruitful work in the drafting committee.

- *Adopted unanimously with applause*

Resolution 2010.36: Special appreciation to Mr Thomas Schreml

ISO/IEC JTC 1/SC 35 thanks Mr. Thomas Schreml for his excellent work as Project editor within SC 35 in the recent years. Mr. Schreml is attending WG1 and WG5 unfortunately for the last time, as he will change jobs in the next months within his company. ISO/IEC JTC 1/SC 35/WG1 and WG5 members wish that he will continue to monitor its activities for his personal interest and he will always be welcome to contribute as a DIN expert. Should his company, which is now dedicated to the automotive industry, have user entry requirements, WG1 would welcome his return.

- *Adopted unanimously with applause*

Resolution 2010.37: Thanks to Ms Andi Snow-Weaver (WG8)

ISO/IEC JTC 1/SC 35 thanks Ms Andi Snow-Weaver for providing a telephone bridge for the WG8 meeting, thus allowing Dr. Gottfried Zimmermann to remotely convene the meeting.

- *Adopted unanimously with applause*

Resolution 2010.38: Thanks to Ms Anette Schwuchow

ISO/IEC JTC 1/SC 35 thanks Ms Anette Schwuchow for her kind support and excellent work in the drafting of new graphical symbols for ISO/IEC 9995-7 Amd1 and 9995-10.

- *Adopted unanimously with applause*

Resolution 2010.39: ISO/IEC JTC 1/SC 35 best wishes to Dr Yamamoto

ISO/IEC JTC 1/SC 35 sends best wishes to Dr Yamamoto for a speedy and healthy recovery and anticipates his return to our future meetings and expects to take benefit of his usual value-added contribution and strong leadership. ISO/IEC JTC 1/SC 35 also thanks Dr Yamamoto for making the special effort to speak to us personally during the meeting.

- *Adopted unanimously with applause*

Resolution 2010.40: Appreciation to our host, AENOR

ISO/IEC JTC 1/SC 35 wants to address its best thanks to AENOR, in particular Ms Paloma García López and Ms María López López, for the organization of the meeting, the kind organization of the visit in the Prado Museum and generally the hospitality for ISO/IEC JTC 1/SC 35 delegates in Madrid.

ISO/IEC JTC 1/SC 35 acknowledges and welcomes the very fruitful participation of Spanish experts to the Madrid meeting and expresses wishes that this participation continue in the future.

- *Adopted unanimously with applause*

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