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RESOLUTIONS Prepared by SC 35/WGs 2015-01-19/23 in Copenhagen, Denmark

Attendance

Experts and convenors for the following working groups were present

- WG1 : Keyboards and Input Interfaces Mr Alain LABONTÉ
- WG2 : Graphical User Interface and Interaction Dr Yoshikazu YAMAMOTO
- WG4: User Interfaces for Mobile Devices Dr Yoshikazu YAMAMOTO
- WG5 : Cultural and Linguistic Adaptability Mr Thibault GROUAS
- WG6 : User Interface Accessibility Dr Jim CARTER
- WG7 : User Interfaces Object, Actions and Attributes Dr Jim CARTER
- WG8 : User interfaces for remote interactions Dr Gottfried ZIMMERMANN

The following National Bodies have sent delegates who were present while reviewing these draft resolutions on 2015-01-22: Canada (SCC), Germany (DIN), Japan (JISC), Korea (KATS), Sweden (SIS), USA (ANSI). They have pre-recorded national positions that National bodies are kindly requested to confirm by default letter ballot.

Resolutions

<u>Draft resolution 2015.01:</u> Reliability of project status information (General)

ISO/IEC JTC 1/SC 35

- requests its Secretariat to urgently liaise with ISO/CS so that information about the status of its projects under development is accurate, as some data is outdated by more than one year. In particular the data concerning following projects (under publication), is incorrect:
 - 9995-11 is listed as under development, ISO stage 50.20, where it should be listed as being at stage 60.00
 - 9995-9 has been listed as at stage 40.99 for over one year, while it has been at stage 60.00 since that time
 - o TR 15440 is reported as being at stage 50.00. instead of 60.00
- considers that the ISO web site's reliability is seriously at stake when status are not reported properly.
- Pre-recorded status: Unanimous adoption

<u>Draft resolution 2015.02:</u> Systematic review of various parts of ISO/IEC 9995 published since at least 5 years (WG 1)

ISO/IEC JTC 1/SC 35

reminds its national member bodies that for the systematic review of various parts of ISO/IEC
 9995 initiated 2014-10-15, at least 5 national bodies should assess the market value of these

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standards to make sure that their continuation is assured. This assessment should mention national use of the various parts.

- notes that the following uses have been reported for 9995 parts:
 - o 9995-1, -2, -4 and -5 are used by most keyboards worldwide
 - 9995-3 is used in at least Canada, Germany and Finland national standards
 - o 9995-7 is used by a number of keyboards worldwide
 - 9995-8 is used on almost all telephones worldwide.
- Encourages member bodies to indicate where revision should be done, and also in particular
 which groups (national layouts) should be added in the international standard, particularly in
 9995-9.
- > Adoption by consensus, US abstains

<u>Draft resolution 2015.03:</u> New work item proposals out of TR 15440 (WG 1)

ISO/IEC JTC 1/SC 35

- kindly requests the project editors of ISO/IEC TR 15440, Mr. Keld Simonsen and Dr.Yves
 Neuville, to prioritize new work items to be considered as NPs after the TR is published. At the
 Copenhagen meeting, WG1 already stated that the following topics should be considered:
 - IS or TS on the selection and description of various worldwide input methods
 - Work item to incorporate a catalogue of different character groups in an existing part of ISO/IEC 9995
 - o IS for a universal human language selection method for all user interfaces
 - o IS or TS on machine-readable description of input methods
 - o TS on interacting with on-screen keyboard
- encourages National bodies to provide their input in this matter.
- Unanimous adoption

<u>Draft resolution 2015.04:</u> Progress of FDIS 30113-1 "Information technology -- Gesture-based interfaces across devices and methods -- Part 1: Framework" to publication (WG 1)

ISO/IEC JTC 1/SC 35:

- requests the Secretariat and the Editor of 30113-1 Dr Hyuk Jeong to liaise immediately after closure of the FDIS ballot (2015-01-25) in order to submit a final draft including editorial changes to ITTF for publication no later than 2015-02-13, pending positive outcome of the ballot.
- requests the Secretariat to circulate the revised draft to WG 1 for information.
- Unanimous adoption

<u>Draft resolution 2015.05:</u> Progress of CD 30113-11 "Information technology --Gesture-based interfaces across devices and methods --Part 11: Single-point gestures for common system actions" to DIS (WG 1)

ISO/IEC JTC 1/SC 35

acknowledges the positive result of the CD 30113-11 vote (N 2198);

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- approves the disposition of technical comments (N2201);
- requests the Editor Pr Jee-In Kim to address the editorial comments received during the CD ballot:
- instructs the Editor of project 30113-11 to produce a new document including these changes and to send it to the Secretariat no later than 2015-03-30;
- requests the Secretariat to initiate a second, 2-month CD ballot by 2015-04-10.
- Unanimous adoption

<u>Draft resolution 2015.06:</u> Structure of future parts of the 30113 series (WG 1)

ISO/IEC JTC 1/SC 35

- acknowledges that the draft outline of 30113-51 (N2202) was presented by Dr Hyuk Jeong in Copenhagen meeting;
- requests Dr Hyuk Jeong to produce a discussion of how parts of the 30113 series interrelate
 and identify gestures that are appropriate to each part, before 2015-07-31 and send it to WG
 1, WG 4 and WG 6 lists for discussion at the next meeting.
- Unanimous adoption

<u>Draft resolution 2015.07:</u> Preparatory work on Gesture Interface Markup Language (GIML) (WG 1)

ISO/IEC JTC 1/SC 35

- acknowledges the new NP form (N2203) and draft outline (N2204) submitted in 2014-12-15 and presented at the Copenhagen meeting by Dr. Sung Han Kim on GIML;
- requests Dr. Sung Han Kim to submit new versions of the NP form and the draft outline to the Secretariat, based on the discussions of the WG 1 meeting, no later than 2015-03-30;
- asks the secretariat to submit these documents to a 3-month NP ballot on "Information technology – User interfaces -- Gesture-based interfaces across devices and methods – Part 5: Gesture Interface Markup Language (GIML)"no later than 2015-04-10.
- Unanimous adoption

<u>Draft resolution 2015.08:</u> Progress of Project 13251 Minor Revision of ISO/IEC 13251 "Information technology – User interfaces – Collection of graphical symbols for office equipment" (WG 2)

ISO/IEC JTC 1/SC 35

- requests the project editor Pr. Em. Hiroaki Ikeda to prepare the CD version of the document that includes additional graphical symbols as an amended section and send it to the Convenor no later than 2015-02-27.
- requests the Convenor to upload the revised document as draft CD to the document registry for reviewing and checking by WG 2 members no later than 2015-03-31.

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- requests the Secretariat to submit the draft to SC 35 no later than 2015-04-10 for a 2-month internal committee ballot after approval by WG 2 members.
- Adoption by consensus, US abstains

<u>Draft resolution 2015.09:</u> Response to the inquiry from IEC TC 3/SC 3C (WG 2)

ISO/IEC JTC 1/SC 35:

- requests the Convenor to send comments on the document IEC DTR 64253-62 Ed. 1.0 "Field device tool (FDT) interface specification – Part 62: Field Device Tool (FDT) Styleguide for common language infrastructure" in accordance with WG 2 discussions.
- > Adoption by consensus, US abstains

<u>Draft resolution 2015.10:</u> Progress of the NP 17549-1 "Information technology – User interface guidelines on menu navigation – Part 1: Framework." (WG 4)

ISO/IEC JTC 1/SC 35:

- requests the editors to prepare a revised working draft and New Proposal based on the discussion and send them to the Convenor no later than 2015-02-27.
- requests the Convenor to upload the revised documents to the document registry for review and comment by WG 4 members until 2015-03-30.
- requests the convenor to handle receive comments and send the resulting documents to the Secretariat no later than 2015-04-03 for NP ballot to be initiated no later than 2015-04-10.
- > Unanimous adoption

Draft resolution 2015.11: Revision of TR 30112 and upgrade to IS status (WG 5)

ISO/IEC JTC 1/SC 35

- encourages Mr Keld Simonsen to put forward an NP for revision of TR 30112 as an international standard no later than 2015-02-27. The Secretariat should put the NP form along with WD 30112 (N2180) to the vote no later than 2015-03-15.
- > Adoption by consensus, Japan abstains, US disapproves

Draft resolution 2015.12: Status of TR 30109 publication (WG 5)

ISO/IEC JTC 1/SC 35

- asks its Secretariat to enquire with ISO Central secretariat on the status of TR 30109 publication and take appropriate steps to ensure that it is available as soon as possible.
- > Unanimous adoption

<u>Draft resolution 2015.13:</u> Progress of CD 30122-2 and -3 to DIS (WG 5)

ISO/IEC JTC 1/SC 35

- acknowledges the successful outcome of the NP and CD ballots for projects 30122-2 and -3 and nominates Dr Yoshikazu Seki as Editor and Dr Miran Choi as Co-editor.
- recognizes that no comments were made on the text requesting editing of the Committee draft for projects 30122-2 and 30122-3,

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- requests its secretariat to submit documents N 2182 and 2184 to ISO Central secretariat for DIS ballot no later than 2015-02-13.
- Unanimous adoption

<u>Draft resolution 2015.14:</u> Change of title for CD 30122-2 (WG 5)

ISO/IEC JTC 1/SC 35

- resolves to change the titles of 30122-2 to "Information technology User interfaces Voice commands Part 2: Procedures for constructing and testing".
- Unanimous adoption

<u>Draft resolution 2015.15:</u> Progress of NP 20382 (WG 5)

ISO/IEC JTC 1/SC 35

- acknowledges the approval of NP 20382 "Face to face speech translation" and nominates Dr Miran Choi as Editor.
- asks Dr Choi to provide an updated version of her presentation comparing SC 35, ITU-T SG 2 and ITU-T SG 16 projects related to Face to face speech translation to the Secretariat no later than 2015-02-27, for registration as an SC 35 N document.
- further asks Dr Miran Choi to communicate information on ITU-T/SG 2 E.FAST and ITU-T/SG 16 F.745 and H.625 to SC 35 in order to clarify the differences between the projects. Reciprocal information of ITU-T SG 2 and SG 16 on SC 35 work is proposed.
- Unanimous adoption

<u>Draft resolution 2015.16:</u> Liaison with ITU-T work related to NP 20382 (WG 5)

ISO/IEC JTC 1/SC 35

- requests its secretariat to clarify how information can be exchanged with ITU-T SG 2 and SG 16 through the unique ITU-T / JTC 1 liaison (ISO/IEC Directives part 1 with JTC 1 supplement, §1.17.2.5) and to inform WG 5 of the outcome.
- Unanimous adoption

<u>Draft resolution 2015.17:</u> Follow-up on the Publication of ISO/IEC TR 13066-4 (WG6)

ISO/IEC JTC 1/SC 35

- requests its Secretariat to ensure the prompt publication of ISO/IEC TR 13066-4.
- > Unanimous adoption

<u>Draft resolution 2015.18:</u> Publication of ISO/IEC TS 20071-21 (WG6)

ISO/IEC JTC 1/SC 35

- requests its Secretariat to ensure the prompt publication of ISO/IEC TS 20071-21
- Unanimous adoption

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<u>Draft resolution 2015.19:</u> Publication of ISO/IEC TR 13066-2 (WG6)

ISO/IEC JTC 1/SC 35

- requests its Secretariat to ensure the prompt publication of ISO/IEC TR 13066-2
- Unanimous adoption

Draft resolution 2015.20: Clarification of Editor of ISO/IEC TR 13066-2 (WG6)

ISO/IEC JTC 1/SC 35

- requests its Secretariat to ensure that ISO corrects its record of the editorship of ISO/IEC TR 13066-2 to indicate that Mr. Norm Hodne is the editor
- Unanimous adoption

<u>Draft resolution 2015.21:</u> Progression of Updates to ISO/IEC TR 13066-2 (WG6)

ISO/IEC JTC 1/SC 35

- requests Mr. Norm Hodne, the editor of ISO/IEC TR 13066-2 to plan the revision of this TR to bring it up to date with the latest version of Windows, and to present this work at the next meeting of WG 6, which will then either initiate a project for an amendment or a new version.
- Unanimous adoption

<u>Draft resolution 2015.22:</u> Change of editorship of ISO/IEC TR 13066-3 (WG6)

ISO/IEC JTC 1/SC 35

- recognizes the retirement of Ms. Andi Snow-Weaver and thanks her for her service to JTC1/SC35 and wishes her well in her retirement,
- appoints Ms Janina Sajka as Editor of TR 13066-3,
- requests its Secretariat to ensure that ISO reflects this change its records.
- > Unanimous adoption

Draft resolution 2015.23: Development of new parts of the 13066 series (WG6)

ISO/IEC JTC 1/SC 35

- requests that the members of WG 6 approach potential sources of editorships for additional Accessibility API TRs for the 13066 series.
- > Unanimous adoption

<u>Draft resolution 2015.24:</u> Establishment of an ad hoc to aid with the Summary of User Accessibility Needs (ISO/IEC 29138-1) (WG6)

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ISO/IEC JTC 1/SC 35:

- establishes an ad hoc of WG 6 to start work on processing candidates for new user accessibility needs and to make other recommendations to WG6 regarding issues relating to the user needs summary
- establishes the initial membership as: Jim Carter (convenor, Canada), Mary Frances Laughton (Canada), Beverley Milligan (Canada), Denis Chêne (France), Monique Mai (France), Thorsten Katzmann (Germany), Gottfried Zimmermann (Germany), Shigetoyo Nomura (Japan), Pilar Orero (Spain), Jaeil Song (Korea), Kate Grant (UK), Rory Heap (UK), Andy Heath (UK), Norm Hodne (US), Glenn Meyer (US), Janina Sajka (US), Shadi Abou-Zahra (W3C WAI)
- authorizes the ad hoc convenor to accept additional members and observers to aid with this work
- requests that the SC35 Secretariat inform its liaisons of the establishment of this ad hoc and invite them to suggest additional participants
- Unanimous adoption

<u>Draft resolution 2015.25:</u> Initiation of New Work Item 20071-23: Guidance on the visual presentation of audio information (including captions and subtitles) (WG6)

ISO/IEC JTC 1/SC 35:

- requests that the experts of WG6 send comments on content and bibliographic reference material to the potential editors of 20071-23, Dr. Junji Ohyama (editor, <u>i.ohyama@aist.go.jp</u>) and Mr. David Fourney (co-editor, <u>david.fourney@usask.ca</u>) no later than 2015-02-13
- requests Dr. Junji Ohyama and Mr. David Fourney to revise the working draft on "Guidance on the captions for audiovisual content" [SC35WG6 N 0003] according to the discussion at the Copenhagen meeting of WG6, to become a new working draft for "20071-23: Guidance on the visual presentation of audio information (including captions and subtitles)" and also to provide an accompanying NP document and to send these to Dr. Jim Carter (convenor) no later than 2015-03-30
- requests Dr. Jim Carter to check the documents to ensure they conform to ISO requirements and to forward them to the SC35 secretariat for NP ballot no later than 2015-04-03
- requests the SC35 Secretariat to initiate a 3 month NP ballot upon receipt of these documents from Dr. Jim Carter and no later than 2015-04-10
- requests the SC35 Secretariat to publish the NP ballot results as soon as they are complete and to forward all comments in Word format to the provisional editors so that they can prepare for the August/September 2015 meeting of WG6
- requests Dr. Junji Ohyama and Mr. David Fourney to prepare provisional resolutions to the comments in time for discussion at the August/September 2015 meeting of WG6
- Unanimous adoption

<u>Draft resolution 2015.26:</u> Initiation of New Work Item 20071-25: Guidance on the auditory presentation of subtitles, captions, and other visual text (WG6)

ISO/IEC JTC 1/SC 35:

 requests that the experts of WG6 send comments on content and bibliographic reference material to the potential editors of ISO/IEC 20071-25, Ms. Eva Hedberg (editor, eva.hedberg@dyslexi.org) and Dr. Anna Matamala (co-editor, anna.matamala@uab.cat) no later than 2015-02-16

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- requests Ms. Eva Hedberg and Dr. Anna Matamala to revise the working draft on "Guidance on audio subtitles" [SC35WG6 N 0004] according to the draft for "20071-23: Guidance on the auditory presentation of subtitles, captions, and other visual text." and also to provide an accompanying NP document and to send these to Dr. Jim Carter (convenor) no later than 2015-03-30
- requests Dr. Jim Carter to check the documents to ensure they conform to ISO requirements and to forward them to the SC35 secretariat for NP ballot no later than 2015-04-03
- requests the SC35 Secretariat to initiate a 3 month NP ballot upon receipt of these documents from Dr. Jim Carter and no later than 2015-04-10
- requests the SC35 Secretariat to publish the NP ballot results as soon as they are complete and to forward all comments in Word format to the provisional editors so that they can prepare for the August/September 2015 meeting of WG6
- requests Ms. Eva Hedberg and Dr. Anna Matamala to prepare provisional resolutions to the comments in time for discussion at the August/September 2015 meeting of WG6
- Unanimous adoption

<u>Draft resolution 2015.27:</u> Conclusion of Ad Hoc on Icons and indicators to support accessibility (WG6)

ISO/IEC JTC 1/SC 35:

- thanks Ms. Beverley Milligan (ad hoc co-leader), Dr Pilar Orero (ad hoc co-leader), Dr. Denis Chêne, Mr. Andy Heath, Prof. Em. Hiroaki Ikeda, Mr. Thorsten Katzmann, Dr. Monique Mai, Dr. Sukil Kim, Dr. Yoshikazu Seki, for their productive work in the WG6 Ad Hoc on Icons and indicators to support accessibility
- passes on their work to the newly created WG6 Ad Hoc on User Accessibility Needs.
- > Unanimous adoption

<u>Draft resolution 2015.28:</u> Progression of work on "Scanning visual information for audio presentation" (WG6)

ISO/IEC JTC 1/SC 35:

- invites the Korean National Body to develop a working draft of a document on "Scanning visual information for audio presentation" (taking into account the discussions from the Copenhagen meeting) that can be considered at the next WG 6 meeting.
- Unanimous adoption

<u>Draft resolution 2015.29:</u> Invitation to involve more persons with disabilities in WG6 (WG6)

ISO/IEC JTC 1/SC 35:

- recognizes the guidance from ISO/IEC Guide 71 with regards to the involvement of persons with disabilities,
- encourages its National Bodies that WG 6 would welcome nominations of persons with disabilities as experts for WG6.
- Unanimous adoption

<u>Draft resolution 2015.30:</u> Technical corrigendum on ISO/IEC 24752-1:2014 (WG8)

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- requests its secretariat to initiate a technical corrigendum on ISO/IEC 24752-1:2014, fixing the errors of referencing other parts of ISO/IEC 24752 as "clauses". The editor will provide a defect report no later than 2015-02-27, for the Secretariat to submit to the vote no later than 2015-03-13.
- Unanimous adoption

<u>Draft resolution 2015.31:</u> Technical corrigendum on ISO/IEC 24752-2:2014 (WG8)

ISO/IEC JTC 1/SC 35

- requests its secretariat to initiate a technical corrigendum on ISO/IEC 24752-2:2014, fixing a
 few unintentional errors. The editor will provide a defect report no later than 2015-02-27, for
 the Secretariat to submit to the vote no later than 2015-03-13.
- Unanimous adoption

Draft resolution 2015.32: Withdrawal of ISO/IEC 24752-3:2008 (WG8)

ISO/IEC JTC 1/SC 35

- resolves to withdraw ISO/IEC 24572-3:2008 Universal Remote Console Presentation Template, with immediate effect. The Secretariat is requested to give notice to ITTF accordingly.
- Unanimous adoption

<u>Draft resolution 2015.33:</u> Possible New Work Item Proposal on URC – RESTful Integration (WG8)

ISO/IEC JTC 1/SC 35

- encourages the German National Body to submit a New Work Item Proposal (including a WD outline) for a new part on "RESTful Integration" in the ISO/IEC 24752 series "Universal Remote Console".
- Unanimous adoption

<u>Draft resolution 2015.34:</u> Possible New Work Item Proposal on URC – User Interface Resource Framework (WG8)

ISO/IEC JTC 1/SC 35

- encourages the German National Body to submit a New Work Item Proposal (including a WD outline) for a new part on "User Interface Resource Framework" in the ISO/IEC 24752 series "Universal Remote Console".
- Unanimous adoption

Draft resolution 2015.35: Future meetings (All)

ISO/IEC JTC 1/SC 35 resolves to hold its future meetings as follows:

	SC 35 and	
2015-08-31/09-04	116 HX 31/HU H/I	Sapporo, Japan
	Working groups	

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2016-02-15/19 GOM Rome, Italy SC 35 and

2016-08 (tentative) SC 35 and Working groups USA (tentative) or Sweden (tentative)

Unanimous adoption

<u>Draft resolution 2015.36:</u> 5-day meeting for all SC35 weeks (General)

ISO/IEC JTC 1/SC 35

- requests again the Secretariat to always plan ahead for 5-day meetings, whether it is
 for a full annual Plenary week or for a WG meetings week that always includes at
 least a closing plenary where draft resolutions are discussed thoroughly on site,
 whether they are adopted on site or provisionally adopted on site to be ratified by
 letter ballot.
- notes that the programme of work of SC35, with many joint work items, requires this
 meeting duration for proper technical discussion and for proper action resolutions as
 well.
- reminds the Secretariat of resolution 2014.18, adopted by letter ballot, already requesting this meeting length, which was not enforced at the Copenhagen meeting,
- further notes that travel plans have to be made months in advance and plans must be firm.
- Unanimous adoption

Appreciations

Draft appreciation 2015.A: Appreciation to the Chairman

ISO/IEC JTC 1/SC 35 thanks Dr. Khalid Choukri for his kind and excellent conduct as Chairman of SC 35.

Draft appreciation 2015.B: Appreciation to the convenors

ISO/IEC JTC 1/SC 35 thanks Mr. Alain LaBonté (WG 1), Dr. Yoshikazu Yamamoto (WG2 and WG4), Mr. Thibault Grouas (WG 5), Pr. Jim Carter (WG 6) and Pr. Gottfried Zimmermann (WG 8) for their kind and excellent conduct.

<u>Draft appreciation 2015.C:</u> Appreciation to the Drafting committee

ISO/IEC JTC 1/SC 35 thanks Dr Jim Carter, Mr Norm Hodne, Pr. Em. Hiroaki Ikeda, Dr Hyuk Jeong, Mr. Thorsten Katzmann, Pr. Jee-in Kim, Mr Alain LaBonté, Mr Philippe Magnabosco, Dr Yoshikazu Seki, Mr Keld Simonsen, and Dr Yoshikazu Yamamoto for their participation in the Drafting committee.

<u>Draft appreciation 2015.D:</u> Appreciation to presenters and contributors

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ISO/IEC JTC 1/SC 35 thanks

- Dr Monique Mai for her presentation on the Global Access Reporting Initiative of the Mobile Manufacturers Forum (GARI)
- Ms. Janina Sajka for her presentation of the W3C WAI liaison report
- Dr. Jim Carter for his presentation the History and issues related to the User Accessibility Needs
- Ms. Beverley Milligan for her presentation on Accessible content
- Dr. Junji Ohyama for his presentation on Guidance on the captions for audiovisual content
- Ms. Eva Hedberg and Dr. Anna Matamala for their presentation on Guidance on spoken subtitles / audio text
- Dr. Pilar Orero and Mr. Andy Heath for their presentation on Basing accessibility icons on user needs
- · Prof. Sukil Kim for his presentation on Barcode interfaces for persons with visual impairments
- Dr Miran Choi for her presentation on Face to face speech translation standardisation in SC 35, ITU-T SG 2 and ITU-T SG 16.
- Dr Sunghan Kim for his presentation on GIML

<u>Draft appreciation 2015.E:</u> Appreciation to the Technical University of Denmark (DTU)

ISO/IEC JTC 1/SC 35 thanks DTU, in particular Pr. Henrik Madsen and Ms. Hanne Maar Jensen for welcoming and hosting the meeting of SC 35/WGs in their premises in Lyngby.

Draft appreciation 2015.F: Appreciation to Mr Keld Simonsen and DKUUG

ISO/IEC JTC 1/SC 35 extends warm thanks to Mr. Keld Simonsen for personally coordinating the hosting of SC 35/WG meetings in DTU and for providing catering and to DKUUG for sponsoring the meeting.

All appreciations adopted unanimously with applause

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