

Approved Minutes of the UTC 111 / L2 208 Joint Meeting
Mountain View, CA -- May 14 - 18, 2007
Hosted by Google
[UTC #111 Agenda](#)
October 31, 2008

Wednesday, May 16, 2007

PRESENT: Adobe Systems, Inc, Apple Computer, Inc, Google, Inc., India, MIT, IBM Corporation, Microsoft Corporation, Tamil Nadu, Sun Microsystems, Sybase, Inc., UC Berkeley, Yahoo! Inc. *8 full members and 3 institutional members present, 11 total votes*

NOT PRESENT: Basis Technology Corporation, Denic e.G., Hewlett Packard, Justsystem, Monotype Imaging Corporation, Oracle, Pakistan, NLA, SAP AG *5 full members, 1 institutional member, and 2 supporting member not present, 7 total votes*

Voting members: 13 full, 4 institutional, 2 supporting

Voting members in regular attendance: 12 full, 4 institutional, 1 supporting

Quorum: 8.5

Administrative - Membership update (A.9)

[111-C1] Consensus: Commendation -- Dr. Asmus Freytag has recently retired from active participation in Unicode. Asmus has played a key role in the development of Unicode from the very beginning. He made important contributions to the general structure, architecture, and properties of the Unicode Standard. Asmus also drove the effort to define the Unicode character property model, was the author of two Unicode Standard Annexes, and co-author of one other. For years, Asmus has also organized and produced the charts for the standard, together with the program used to generate them. We regret that Asmus will no longer be involved formally in Unicode -- but welcome future feedback on Unicode issues from him insofar as he is able. We wish him well in his future enterprises.

Administrative - Calendar Review (A.6)

[111-A1] Action Item for Rick McGowan: Verify whether we have a room in the hotel for all 3 days of the UTC in October.

UTC 112/L2 209 - August 6-10, 2007, Redmond, host, Microsoft

UTC 113/L2 210 - October 17-19, 2007, San Jose, host, OMG and Adobe, *Annual Members Mtg*

UTC 114/L2 211 - February 5-8, 2008, Cupertino, host, Apple

UTC 115/L2 212 - May 13-16, 2008, San Jose, host Adobe

Administrative - Minutes Approval (A.5.1)

[111-C2] Consensus: Approve the minutes of UTC 108/L2 205 Joint Meeting. [[L2/06-231R](#)]

Script Encoding Initiative (B.7)

[111-A2] Action Item for Deborah Anderson: Send information on the Stanford one-day script workshop on July 11, 2007, to Unicore. [[L2/07-154](#)]

Indic Scripts (B.16)

[111-C4] Consensus: Create a subcommittee, chaired by Eric Muller, to examine encoding issues in Tamil and other Indic scripts.

[111-A3] Action Item for Rick McGowan: Make a new, closed subcommittee mail list for Tamil/Indic issues, and update the appropriate web pages related to mail list(s) and subcommittees.

IETF - IDN (B.5.4)

[111-A4] Action Item for Rick McGowan, Editorial Committee: Unicode to send a message to Patrick Faltstrom with our draft liaison statement. [[L2/07-073R](#)]

[111-A5] Action Item for Michel Suignard: Update the document "*Preparation of Internationalized Domain Names (idnaprep)*" based on Public Review Issue #96 feedback and re-post to the IDNA Update list. [[L2/07-073R](#)]

Public Review Issue 96 - Allowing Joiner Characters in Identifiers (B.11.1)

[111-A6] Action Item for Pankaj Agrawala: Come up with examples requiring ZWJ/ZWNJ to maintain semantic distinctions, by 6/16, .

[111-C5] Consensus: Incorporate the revised text of Public Review Issue #96 into *Proposed Update Unicode Standard Annex #31: Identifier and Pattern Syntax* as an appendix, update the draft for the proposed update, and post for review. [[L2/07-043](#), [L2/07-146](#), [L2/07-173](#)]

[111-A7] Action Item for Mark Davis, Eric Muller, Editorial Committee: Add to the *Proposed Update Unicode Standard Annex #31: Identifier and Pattern Syntax* text that incorporates Public Review Issue #96 with the rules as discussed and amended and new examples based upon feedback from India/MIT and Tamil Nadu. Post the update for review. [[L2/07-146](#)]

[111-A8] Action Item for Rick McGowan: Announce the updated *Proposed Update Unicode Standard Annex #31: Identifier and Pattern Syntax* draft when posted..

[111-A9] Action Item for Rick McGowan: Close Public Review Issue #96. The resolution is that the text and rules will be incorporated into an appendix of *Unicode Standard Annex #31: Identifier and Pattern Syntax*.

[111-A10] Action Item for Mark Davis, Eric Muller, Editorial Committee: Add the note from the comment from ICT/Sri Lanka in the feedback to *Proposed Update Unicode Standard Annex #31: Identifier and Pattern Syntax*. [[L2/07-163R](#)]

[111-C6] Consensus: In the new appendix of *Proposed Update Unicode Standard Annex #31: Identifier and Pattern Syntax*, replace 180B..180D with U+180E MONGOLIAN VOWEL SEPARATOR and request that Andrew West contact the relevant Chinese authorities to get feedback on this issue. [[L2/07-163R](#)]

[111-A11] Action Item for Mark Davis, Editorial Committee: contact Andrew west regarding review of U+180E MONGOLIAN VOWEL SEPARATOR by the relevant (Chinese) authorities. See consensus [111-C6](#). [[L2/07-163R](#)]

Thursday, May 17, 2007

PRESENT: Adobe Systems, Inc, Apple Computer, Inc, Google, Inc., IBM Corporation, India, MIT, Microsoft Corporation, Tamil Nadu, Sun Microsystems, Sybase, Inc., UC Berkeley, Yahoo! Inc. 8 full members and 3 institutional members present, 11 total votes

NOT PRESENT: Basis Technology Corporation, Denic e.G., Hewlett Packard, Justsystem, Monotype Imaging Corporation, Oracle, Pakistan, NLA, SAP AG 6 full members, 1 institutional member, and 2 supporting member not present, 8 total votes

Technical Reports - Security Considerations (B.12.1)

[[111-A12](#)] **Action Item** for Mark Davis, Editorial Committee: Draft proposed language to specify the interpretation rules for ill-formed sequences. [[L2/07-116](#), [L2/07-152](#)]

[[111-A13](#)] **Action Item** for Mark Davis, Editorial Committee: In *Unicode Technical Report #36: Unicode Security Considerations* note the potential for security exploits in document [L2/07-116](#) related to UTF-8 conversion of ill-formed sequences.

Editorial Committee - Unicode 5.0.1 Beta (B.13.4)

[[111-C7](#)] **Consensus:** Do not release a version 5.0.1, but re-target all of the slated changes to a 5.1.0 release.

[[111-A14](#)] **Action Item** for Rick McGowan: Rewrite the 5.0.1 draft page to be a 5.1.0 page.

[[111-A15](#)] **Action Item** for Ken Whistler: Reconstruct the 5.0.1 data directory as a 5.1.0 data directory.

[[111-A16](#)] **Action Item** for Ken Whistler, Editorial Committee: Oversee the updating of all proposed updates to Unicode Standard Annexes to make them at the 5.1.0 level instead of 5.0.1.

Editorial Committee - Unicode Branding (B.13.5)

[[111-C8](#)] **Consensus:** The UTC supports the development of a common branding scheme for Unicode specifications.

Properties - Math Property Assignments (B.14.5)

[[111-A17](#)] **Action Item** for Murray Sargent: Prepare a revision of [L2/07-162](#), and take into account the discussion in the meeting; look at those cases where the characters are primarily, or only, used in math.

Script Subcommittee - Symbols (C.7.3)

[[111-C9](#)] **Consensus:** Form a subcommittee with Markus Scherer as chair to make recommendations for the encoding of symbols, such as wingdings, train schedule symbols, or mobile phone symbols. [[L2/06-369](#)]

[[111-A18](#)] **Action Item** for Rick McGowan: Create a mail list for the Symbol Subcommittee. Include to start, Markus Scherer, Michel Suignard, Murray Sargent, Deborah Goldsmith, Debbie Anderson, Eric Muller, Mark Davis, Ken Whistler, Kat Momoi.

[[111-A19](#)] **Action Item** for Rick McGowan: Inform the membership of creation of 2 new subcommittees (South Asia and Symbols) and their mail lists, and update the subcommittee page(s) on the web site.

Public Review Issue 105 - Line Breaking (B.11.7)

[[111-C10](#)] **Consensus:** Change the line break property of U+02DF from AL to BB in Unicode 5.1.0.

[[111-A20](#)] **Action Item** for Andy Heninger, Editorial Committee: Remove HL4 from the *Proposed Update Unicode Standard Annex #14: Line Breaking Properties* and add U+02DF MODIFIER LETTER CROSS ACCENT to the discussion of break-before characters. Also update 5.0.1 to 5.1.0 and re-post.

[[111-A21](#)] **Action Item** for Ken Whistler: Update the Linebreak.txt file to change the line break property of U+02DF MODIFIER LETTER CROSS ACCENT from AL to BB in Unicode 5.1.0.

[[111-A22](#)] **Action Item** for Andy Heninger: Contact Erika J. Etemad and Paul Nelson, the editors of CCS text, and get a justification for making the change to the line breaking algorithm to allow tailoring of line breaking before space. Post the justification for the committee to consider.

[[111-A23](#)] **Action Item** for Rick McGowan: Extend Public Review Issue #105 to July 30, 2007.

Public Review Issue 103 - Text Boundaries (B.11.5)

[[111-A24](#)] **Action Item** for Mark Davis: Add more explanatory text about the use of word boundaries to *Proposed Update Unicode Standard Annex #29: Text Boundaries* and post a new revision. [[L2/07/140](#), [L2/07-147](#)]

[[111-A25](#)] **Action Item** for Rick McGowan: Extend Public Review Issue #103 to July 30, 2007.

[[111-C11](#)] **Consensus:** Modify *Proposed Update Unicode Standard Annex #29: Text Boundaries* to show how the property values for grapheme cluster, word, and sentence are derived; add CR, LF, and Extend to WordBreak and SentenceBreak as explicit property values and list them in tables 3 and 4. Make the formulation of the derivation of property values build on the previous tables where appropriate.

[[111-A26](#)] **Action Item** for Mark Davis: Include the changes from consensus [111-C11](#) in the text of *Proposed Update Unicode Standard Annex #29: Text Boundaries*. Modify the auxiliary property files and PropertyValueAliases.txt to indicate "Any" is not a property value.

IRG - Review of CJK-C Repertoire (B.3.2.1)

[[111-C12](#)] **Consensus:** The UTC would like the Ideographic Description Sequences for the encoded CJK ideographs to be part of the 10646 data files. [[L2/07-125](#)]

[[111-A27](#)] **Action Item** for the Unicode Liaison to WG2: Communicate the request to WG2 that Ideographic Description Sequences for the encoded CJK ideographs to be part of the 10646 data files. [[111-C12](#), [L2/07-125](#)]

IRG - U-source Database (B.3.2.2)

[[111-A28](#)] **Action Item** for John Jenkins: Prepare a proposed working draft of a proposed draft of a Unicode Technical Report on U-source data for CJK ideographs. Include the current characters with U0 sources. [[L2/07-159](#)]

IRG - U-source Correction for Extension C (B.3.2.3)

[[111-A29](#)] **Action Item** for Michel Suignard: Use [L2/07-160](#) as the basis of a US ballot comment on U-source correction for PDAM 5.

Public Review Issue 97 - Guide to the UniHan Database (B.11.2)

[[111-C13](#)] **Consensus:** Advance *Proposed Draft Unicode Technical Report #38: A User's Guide to the UniHan Database* to *Draft Unicode Technical Report #38: A User's Guide to the UniHan Database* for inclusion into Unicode 5.1.0, with changes as discussed. [[L2/07-044](#)]

[[111-A30](#)] **Action Item** for John Jenkins, Editorial Communicate: Update *Proposed Draft Unicode Technical Report #38: A User's Guide to the UniHan Database* to indicate its change to *Draft Unicode Technical Report #38: A User's Guide to the UniHan Database*.

[[111-A31](#)] **Action Item** for Rick McGowan: Close Public Review Issue#97 for *Proposed Draft Unicode Technical Report #38: A User's Guide to the Unihan Database*, with result that it will advance to *Draft Unicode Technical Report #38: A User's Guide to the Unihan Database*.

[[111-A32](#)] **Action Item** for Rick McGowan: Open a new Public Review Issue for *Draft Unicode Technical Report #38: A User's Guide to the Unihan Database* to close July 30, 2007.

Public Review Issue 98 - Ideographic Variation Database Submission (B.11.9.1)

[[111-A33](#)] **Action Item** for Michel Suignard: Include in US ballot comments the addition of the IVD submission to the relevant section in Amendment 4 of 10646. [[L2/07-164](#)]

Technical Reports - Ideographic Variation Database (B.12.2)

[[111-A34](#)] **Action Item** for Eric Muller, Editorial Committee: Create a working draft of a proposed update to *Unicode Technical Standard #37: Ideographic Variation Database* for the next meeting. Draft to clarify when variation sequences are appropriate. [[L2/07-172](#)]

Properties - Review Property Values (B.14.1)

[[111-A35](#)] **Action Item** for Eric Muller, Lisa Moore: Add "B.14.1 Review property values for newly approved scripts and characters" to the agenda for the next UTC.

Properties - Unicode properties in character proposals (B.14.2)

[[111-A36](#)] **Action Item** for Rick McGowan, Editorial Committee: Work on [L2/07-115](#) to incorporate it into the website on how to submit proposals. Provide feedback to V S Umamaheswaran on WG2 proposal summary form.

Properties - Binary/trinary property values (B.14.3)

[[111-C14](#)] **Consensus:** Add True/False as alternates for Yes/No to the binary and trinary QuickCheck properties, and also add Undetermined as an alternate for Maybe for the trinary ones in PropertyValueAliases.txt. Document the principle in UCD.html. [[L2/07-135](#)]

[[111-A37](#)] **Action Item** for Mark Davis: Update the documentation and data file to implement the consensus on updating QuickCheck properties ([111-C14](#)) for Unicode 5.1.0.

Friday, May 18, 2007

PRESENT: Adobe Systems, Inc, Apple Computer, Inc, Google, Inc., IBM Corporation (proxy), India, MIT, Microsoft Corporation, Sun Microsystems, Sybase, Inc., Tamil Nadu, UC Berkeley, Yahoo! Inc. *8 full members and 3 institutional members present, 11 total votes*

NOT PRESENT: Basis Technology Corporation, Denic e.G., Hewlett Packard, Justsystem, Monotype Imaging Corporation, Oracle, Pakistan, NLA, SAP AG *6 full members, 1 institutional member, and 2 supporting member not present, 8 total votes*

Administrative - Minutes Approval (A.5.1.2)

[[111-C15](#)] **Consensus:** Moot. Minutes approved on May 16, 2007.

WG2 - Meeting report (B.1.2.1)

[[111-A38](#)] **Action Item** for Debbie Anderson: Make a list estimating the number of modern scripts yet to be encoded, and approximately how many characters are in each of those sets. Post to the doc register when ready.

SC2 - SC2 Liaison report (B.2.1)

[[111-C16](#)] **Consensus:** Ask the officers to consider sending a liaison letter to SC2 expressing our concern about the future of ISO/IEC TR 14652.

[[111-A39](#)] **Action Item** for Eric Muller: Re consensus [111-C16](#) above: ask the officers to consider sending a liaison letter to SC2 expressing our concern about the future of ISO/IEC TR 14652.

Public Review Issue 101 - External Link Sign (B.11.3)

[[111-A40](#)] **Action Item** for Markus, Symbols Subcommittee: Put the proposal to encode an external link sign on the the Symbols Subcommittee agenda. [[L2/07-046](#)]

[[111-A41](#)] **Action Item** for Rick McGowan: Close Public Review Issue #101 on the external link sign with the resolution that the issue will be taken up by the symbols subcommittee to make recommendations in the context of their discussion of other symbols.

Miscellaneous - IUC 31 UTC topics (D.1)

[[111-A42](#)] **Action Item** for Lisa Moore, Eric Muller: Set a more concrete proposal for the UTC overlap with IUC 31 (Oct 17). Arrange the agenda for October UTC to put topics of most public interest on the 1st day, Oct 17th. Ken suggests pro-actively putting on the agenda items that are aimed at gathering feedback from implementors and conference goers about issues with the standard. Set some time blocks with specific issues. Present the proposal at the August UTC meeting

Public Review Issue 102 - Normalization (B.11.4)

[[111-A43](#)] **Action Item** for Mark Davis: Take feedback from Per Mildner on Public Review Issue #102 into consideration when producing the next draft of *Proposed Update Unicode Standard Annex #15: Unicode Normalization Forms*. Retarget the *Proposed Update Unicode Standard Annex #15: Unicode Normalization Forms* update to 5.1.0 rather than 5.0.1, and re-post. [[L2/07-047](#), [L2/07-163](#)]

Note: UTC reviewed document [L2/03-203](#) and is satisfied that the substantive requests are captured by previous changes that were made to section 16 of *Proposed Update Unicode Standard Annex #15: Unicode Normalization Forms* and by current action items aimed at further clarification to the document. See action [108-A29](#).

[[111-A44](#)] **Action Item** for Rick McGowan: Extend Public Review Issue #102 to close July 30, 2007.

Public Review Issue 104 - Identifier and Pattern Syntax (B.11.6)

[[111-A45](#)] **Action Item** for Mark Davis: Clarify the text of *Proposed Update Unicode Standard Annex #31: Identifier and Pattern Syntax* in response to feedback to Public Review Issue #104, document [L2/07-163R](#). Retarget from 5.0.1 to 5.1.0. [[L2/07-048](#)]

[[111-A46](#)] **Action Item** for Rick McGowan: Extend Public Review Issue #104 to close July 30, 2007.

[[111-A47](#)] **Action Item** for Mark Davis: In updating *Proposed Update Unicode Standard Annex #31: Identifier and Pattern Syntax*, consider the issues raised in document [L2/07-163R](#) in the "Closed Public Review Issues" section.

Public Review Issue 106 - East Asian Width (B.11.8)

[[111-A48](#)] **Action Item** for Rick McGowan: Update the Technical Report owner list. Make sure Heninger is listed as a owner of *Proposed Update Unicode Standard Annex #11: East Asian Width*; and ensure Asmus' files have been handed off.

[[111-A49](#)] **Action Item** for Eric Muller: Communicate to the owner of *Proposed Update Unicode Standard Annex #11: East Asian Width* to update from 5.0.1 to 5.1.0, update the date, and re-post. [[L2/07-142](#)]

[[111-A50](#)] **Action Item** for Rick McGowan: Close Public Review Issue #106. The proposed update will be updated and reposted to close for 5.1.0.

Properties- Arrow and Harpoon Characters (B.14.4)

[[111-A51](#)] **Action Item** for Markus Scherer, Symbols Subcommittee: Put [L2/07-136](#) on their agenda and consider the issue of mirroring of symbols in general.

Script Subcommittee - Consent Docket (B.15, B.1.5)

[[111-C17](#)] **Consensus:** Accept the following 13 points from the WG2 consent docket: [[L2/07-150](#)]

1. Approve 1 character name change:

2C78 LATIN SMALL LETTER E WITH NOTCH

2. Approve 2 new characters in the Vai block and extend the Vai block from A500..A62F to A500..A63F: [[L2/07-104](#)]

A62A VAI SYLLABLE NDOLE MA

A62B VAI SYLLABLE NDOLE DO

3. Approve 6 new math arrows: [[L2/07-170](#)]

2B47 REVERSE TILDE OPERATOR ABOVE RIGHTWARDS ARROW

2B48 RIGHTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO

2B49 TILDE OPERATOR ABOVE LEFTWARDS ARROW

2B4A LEFTWARDS ARROW ABOVE ALMOST EQUAL TO

2B4B LEFTWARDS ARROW ABOVE REVERSE TILDE OPERATOR

2B4C RIGHTWARDS ARROW ABOVE REVERSE TILDE OPERATOR

4. Approve 127 Lanna characters at 1A20..1AAF, with block name "*Lanna*" and range 1A20..1AAF. [[L2/07-131](#)]

5. Approve the disunification of the CJK character U+4039 with the new character at U+9FC3. Update the source mapping and revised property data for both U+4039 and the newly encoded U+9FC3. [[L2/07-150](#)]

6. Approve 3 Coptic macron characters: [[L2/07-150](#)]

FE24 COMBINING MACRON LEFT HALF

FE25 COMBINING MACRON RIGHT HALF

FE26 COMBINING CONJOINING MACRON

7. Approve 4 Oriya and Malayalam dependent vowels: [[L2/07-095](#), [L2/07-150](#)]

0B44 ORIYA VOWEL SIGN VOCALIC RR

0B62 ORIYA VOWEL SIGN VOCALIC L

0B63 ORIYA VOWEL SIGN VOCALIC LL

0D63 MALAYALAM VOWEL SIGN VOCALIC LL

8. Approve modifications to the Cyrillic Extended B block to A640..A69F, with the change in code points for the additional Cyrillic letters for Abkhaz to A680..A697. Approve the change in the Bamum block to A6A0..A6FF, with the Bamum character code points shifted to the new range. [[L2/07-150](#)]

9. Approve 7 new characters for Coptic: [[L2/07-085](#), [L2/07-150](#)]

2CEB COPTIC CAPITAL LETTER CRYPTOGRAMMIC SHEI
2CEC COPTIC SMALL LETTER CRYPTOGRAMMIC SHEI
2CED COPTIC CAPITAL LETTER CRYPTOGRAMMIC GANGIA
2CEE COPTIC SMALL LETTER CRYPTOGRAMMIC GANGIA
2CEF COPTIC COMBINING NI ABOVE
2CF0 COPTIC COMBINING SPIRITUS ASPER
2CF1 COPTIC COMBINING SPIRITUS LENIS

10. Approve 1063 Egyptian hieroglyphs at 13000..13426, with block name "*Egyptian Hieroglyphs*" and range 13000..1342F. [[L2/07-132](#), [L2/07-150](#)]

11. Approve the 107 Old Hangul jamo characters and 2 new block definitions: [[L2/07-103](#), [L2/07-150](#)]

- In the existing 1100..11FF Hangul Jamo block:

115A..115E Old Hangul initial consonants
11A3..11A7 Old Hangul medial vowels
11FA..11FF Old Hangul final consonants

- New block, A960..A97F Hangul Jamo Extended-A block:

A960..A97C Old Hangul initial consonants

- New block, D7B0..D7FF Hangul Jamo Extended-B block:

D7B0..D7C6 Old Hangul medial vowels
D7CB..D7FB Old Hangul final consonants

12. Approve removing 1 Tai Viet character (AAB2 TAI VIET VOWEL AA WITH CIRCUMFLEX), character name changes (Tay => Tai), new block name "*Tai Viet*", and with revised code points to account for the removed character. [[L2/07-099](#), [L2/07-150](#)]

13. Disapprove U+10B38 AVESTAN SEPARATION POINT. [[L2/07-150](#)]

[111-M1] Motion: Approve U+1E9E LATIN CAPITAL SHARP S for encoding in a future version of the standard with the following properties:

- Upper case Sharp S goes to lower case sharp s
- Add to case folding table
- Do not add casing from lower to upper
- No change to existing lowercase sharp s.

Moved by Rick McGowan, seconded by Eric Muller

9 for (Adobe, Apple, Google, IBM, India MIT, Microsoft, Sun, Tamil Nadu, UCB,)
1 against (Yahoo)
1 abstain (Sybase)

Motion [111-M1](#) carries.

[[111-A52](#)] **Action Item** for Ken Whistler: Update the pipeline with all changes related to the consent docket in [111-C17](#) and [111-M1](#). [[L2/07-150](#)]

Script Subcommittee - North Indian Accounting Signs (B.15, C.15)

[[111-C18](#)] **Consensus:** Approve 10 North Indian accounting signs for encoding in a future version of the standard: [[L2/07-139](#)]

```
2150 NORTH INDIAN FRACTION ONE QUARTER
2151 NORTH INDIAN FRACTION ONE HALF
2152 NORTH INDIAN FRACTION THREE QUARTERS
2189 NORTH INDIAN FRACTION ONE SIXTEENTH
218A NORTH INDIAN FRACTION ONE EIGHTH
218B NORTH INDIAN FRACTION THREE SIXTEENTHS
218C NORTH INDIAN QUARTER MARK
218D NORTH INDIAN PLACEHOLDER MARK
218E NORTH INDIAN RUPEE MARK
218F NORTH INDIAN WEIGHT MARK
```

[[111-A53](#)] **Action Item** for Ken Whistler: Add the 10 North Indian accounting signs to the pipeline for encoding in a future version of the standard. [[L2/07-139](#)]

[[111-A54](#)] **Action Item** for Debbie Anderson: Forward the proposal to encode 10 North Indian accounting signs to WG2 for consideration. [[L2/07-139](#)]

Script Subcommittee - Tibetan Religious Characters (B.15, C.17)

[[111-C19](#)] **Consensus:** Approve 4 Tibetan religious characters for encoding in a future version of the standard: [[L2/07-148](#)]

```
0FD5 Tibetan Symbol Gyung Drung Nang -Khor
0FD6 Tibetan Symbol Gyung Drung Phyi -Khor
0FD7 Tibetan Symbol Gyung Drung Nang -Khor Bzhi Mig Can
0FD8 Tibetan Symbol Gyung Drung Phyi -Khor Bzhi Mig Can
```

[[111-A55](#)] **Action Item** for Ken Whistler: Add the 4 Tibetan religious characters to the pipeline for encoding in a future version of the standard. [[L2/07-148](#)]

Script Subcommittee - Report (B.15)

[[111-A56](#)] **Action Item** for Lee Collins: Document guidelines for interoperability between the Unicode Egyptian Hieroglyphs and Manuel de Codage.

[[111-A57](#)] **Action Item** for Mark Davis: Provide a clearer picture on the need for tailoring in casing, in general.

[[111-A58](#)] **Action Item** for Debbie Anderson: Work with Azzeddine Lazrek and Rosa Comes to improve the Rumi proposal. It needs discussion of properties and a font, so that it can be approved at the next meeting. [[L2/07-155](#)]

[[111-A59](#)] **Action Item** for Rick McGowan, Ken Whistler, Michael Everson: Roadmap the Rumi symbols.

[[111-A60](#)] **Action Item** for Rick McGowan, Ken Whistler, Mark Davis, Kamal Mansour: Work with Dr Durrani to make an alternative proposal to add spacing characters representing the required nuqtas for use on keyboards.

[[111-A61](#)] **Action Item** for Rick McGowan, Debbie Anderson: Send a note to Andreas Stötzner that we'll be taking up symbols in a new subcommittee.

[[111-A62](#)] **Action Item** for Rick McGowan: Have doc [L2/07-129](#) sent to Government of India for comments by the Government of Kerala.

[[111-A63](#)] **Action Item** for Eric Muller, Editorial Committee: Take [L2/07-129](#) and incorporate into the beta documentation for 5.1.0.

[[111-A64](#)] **Action Item** for Richard Cook, John Jenkins: Fix U+2B151, reference [L2/07-167](#) page 6 and page 15.

[[111-A65](#)] **Action Item** for Ken Whistler, Michel Suignard, Editorial Committee: Document the font change for U+03E7 in Unicode 5.1.0.

[[111-A66](#)] **Action Item** for Pankaj Agrawala: Contact Peter Scharf and Michael Everson, and come up with a single Vedic proposal. See [L2/06-185](#) and [L2/07-095R](#).

Script Subcommittee - Anatolian Hieroglyphs (B.15, C.9)

[[111-C20](#)] **Consensus:** The UTC would like to see an updated Anatolian Hieroglyphs proposal for the next UTC meeting, in order to target approval for a future version of the Unicode Standard. [[L2/07-096](#)]

Close of Joint Meeting -Review of Motions (E.1)

[[111-A67](#)] **Action Item** for Mike Ksar: Communicate to INCITS that Rick McGowan is now the alternate representative for Unicode to L2. [[L2/07-119](#)]

UTC Attendance

Person	Representing	E-mail Address
Lee Collins	Apple	lcollins@apple.com
Mark Davis	Google	mark.davis@google.com
Dr. M. Ponnaivaikko	Gov't India	ponnav@srmuniv.ac.in
Pankaj Agrawala	Gov't India	pagrawala@nic.in
Som Dutt Dadheech	Gov't India	sdadheech@mit.gov.in
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Cibu C. Johny	Google	cibu@google.com
Deborah Anderson	U C Berkeley	dwanders@sonic.net
Michael Kaplan	Microsoft	michka@microsoft.com
Ken Whistler	Sybase	kenw@sybase.com
Rick McGowan	Unicode	rick@unicode.org
Lisa Moore	IBM	lisam@us.ibm.com
Michel Suignard	Microsoft	michelsu@microsoft.com
Ram Mohan	Afilias	rmohan@afilias.info
Murray Sargent	Microsoft	murrays@microsoft.com
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Kat Momoi	Google	
By Phone		
Attash Durrani	Gov't Pakistan	nlaut@apollo.net.pk

Members Represented

	May 14	May 15	May 16	May 17	May 18
	Scripts		Plenary		
Full					
1. Adobe	yes	yes	yes	yes	yes
2. Apple	yes	yes	yes	yes	yes
3. Denic	no	no	no	no	no
4. Google	yes	yes	yes	yes	yes
5. HP	no	no	no	no	no
6. IBM	yes	yes	yes	yes (proxy)	yes (proxy)
7. JustSystem	no	no	no	no	no
8. Microsoft	yes	yes	yes	yes	yes
9. Oracle	no	no	no	no	no
10. SAP	no	no	no	no	no
11. Sun	yes	yes	yes	yes	yes
12. Sybase	yes	yes	yes	yes	yes
13. Yahoo			yes	yes	yes
Institutional					
1. India, Gov't	yes	yes	yes	yes	yes
2. Pakistan, Gov't	yes	no	no	no	no
3. Tamil Nadu, Gov't	yes	yes	yes	yes	yes
4. UC Berkeley	yes	yes	yes	yes	yes
Supporting					
1. Basis	no	no	no	no	no
2. Monotype	no	no	no	no	no