Changes Related to Amendment 7

Note that Amendment 7 goes to FDAM ballot. At this point any changes related to Amendment 7 should just be approved, as they cannot be changed in FDAM balloting.

A. Change of block name for HISTORIC KANA

The HISTORIC KANA block was renamed to KANA SUPPLEMENT block, to address Japan’s concern that some of the hentaigana which might eventually be encoded in the block are actually in contemporary usage.

Recommendation: Accept the block name change.

Changes Related to Amendment 8

Amendment 8 goes to FPDAM ballot. There is one more round of technical review, so any of these changes could in principle still be changed. In most cases, however, the recommendation should be to simply accept the changes noted, so as to bring current approvals back into synch.

B. General Additions to the Emoji Repertoire

All of the code points listed here are the final code points in the Disposition of Comments for PDAM 8. Because the entire repertoire of emoji was reordered after all of the individual decisions about additions, reconciliation of clashes in these assignments with the final set of code points for other emoji symbols is dealt with in a separate consent item below.

1F30D EARTH GLOBE EUROPE-AFRICA
1F30E EARTH GLOBE AMERICAS
1F310 GLOBE WITH MERIDIANS
WG2 Consent Docket

1F42A DROMEDARY CAMEL
1F46C TWO MEN HOLDING HANDS
1F46D TWO WOMEN HOLDING HANDS
1F4B7 BANKNOTE WITH POUND SIGN
1F4EC OPEN MAILBOX WITH RAISED FLAG
1F4EA CLOSED MAILBOX WITH LOWERED FLAG
1F504 ANTICLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS
1F629 FACE WITHOUT MOUTH
1F6C1 BATHTUB

Note that the addition of the two mailbox characters are part of a reinterpretation of the mailbox characters for emoji, and require one additional source mapping change for the emoji set.

Recommendation: Approve these additions.

C. Clock Faces on the Half Hour

12 clock face symbols were added for each of the half-hour positions, in addition to the 12 clock face symbols for the hour position already in the emoji repertoire. These clock faces on the half hour are added for compatibility with the set in WingDings2.

1F55C CLOCK FACE ONE-THIRTY
...
1F567 CLOCK FACE TWELVE-THIRTY

Recommendation: Approve the addition of these 12 characters.

D. Special Case Additions to the Emoji Repertoire

17BF DOUBLE CURLY LOOP

This particular addition was the replacement for the character requested by the U.S. as 1F56F EMOJI COMPATIBILITY SYMBOL-16 (Docomo #122, e-82B).

Recommendation: Approve this addition and rescind approval of 1F56F.

E. Regional Indicator Symbols

1F1E6 REGIONAL INDICATOR SYMBOL LETTER A
...
1F1FF REGIONAL INDICATOR SYMBOL LETTER Z

This set of 26 visible symbols, whose glyphs consist of capital Latin letters surrounded by a dotted box, are intended to be used in pairs to spell out symbol sequences that can be
mapped to the appropriate emoji regional indicators (depicted in carrier sets with flag glyphs). This represents the compromise position for enabling this mapping, as documented in WG2 N3727.

Recommendation: Approve these 26 additions and rescind approval of \texttt{1F566 EMOJI COMPATIBILITY SYMBOL-6} ... \texttt{1F56E EMOJI COMPATIBILITY SYMBOL-15}.

**F. Enclosed Alphanumeric Supplement additions**

66 squared, negative-circled or negative-squared Latin letters or letter sequences were added in the Enclosed Alphanumeric Supplement block, per WG2 N3671. For the most part, these fill out the obvious gaps in the sequences of styled Latin alphabets in these symbol ranges.

Recommendation: Approve these 66 additions.

**G. Other Miscellaneous Repertoire Additions**

\texttt{26E7 INVERTED PENTAGRAM}

Recommendation: Approve this addition.

**H. CJK Extension D**

WG2 agreed to the removal of \texttt{U+2B779}, and then shifted up the remaining characters in the block by one position.

Recommendation: Approve this change to the CJK Extension D block.

**I. Latin Extended D**

WG2 declined to remove \texttt{U+A78F LATIN LETTER MIDDLE DOT} from Amendment 8. This character was not approved by the UTC, and the U.S. ballot comments had requested its removal.

Recommendation: Status quo. Address this issue during ballot review comments for FPDAM 8.

**J. Devanagari Additions for Kashmiri**

WG2 decided to add 10 Devanagari characters for Kashmiri. 4 of these are documented in WG2 N3480. Those plus 6 others are documented in WG2 N3710. These constitute a set of 5 independent vowels and 5 corresponding dependent vowels, as summarized in an ad hoc report, WG2 N3731.
These additions had the support both of the Government of India and Peri Bhaskararao, a Kashmiri expert attending the WG2 meeting.

Recommendation: Approve these 10 character additions.

K. Batak Symbols

WG2 declined to add two Batak symbols requested by Ireland for addition to the Batak block in Amendment 7. However, as a compromise, they were included in Amendment 8 instead, where an additional round of review and ballot comments would be possible.

1BFA BATAK SYMBOL BINDU GODANG
1BFB BATAK SYMBOL BINDU PINARJOLMA

Recommendation: Withhold approval of these two characters, pending receipt of further documentation responding to questions raised about the status of these particular symbols and the appropriateness of encoding them as characters.

L. Notable or Controversial Name Changes for Emoji Repertoire

1F3E0 WESTERN CASTLE > EUROPEAN CASTLE
1F420 CAMEL > BACTRIAN CAMEL
1F4BB COMPUTER > PERSONAL COMPUTER
1F4EB MAILBOX > OPEN MAILBOX WITH LOWERED FLAG
1F4EC MAILBOX WITH RAISED FLAG > CLOSED MAILBOX WITH RAISED FLAG
1F51C DIM SCREEN SYMBOL > LOW BRIGHTNESS SYMBOL
1F51D BRIGHT SCREEN SYMBOL > HIGH BRIGHTNESS SYMBOL
1F536 BLACK ROUNDED SQUARE > BLACK SQUARE BUTTON
1F537 WHITE ROUNDED SQUARE > WHITE SQUARE BUTTON
1F687 SUBWAY > METRO

Recommendation: Accept these name changes.
M. Noncontroversial Name Changes for Emoji Repertoire

Besides the few controversial name changes that engendered a lot of item-by-item discussion during WG2, there were many other name changes suggested by Irish NB comments (or others). Those name changes had prior review and consensus by the emoji proposal participants, and were not considered controversial.

Recommendation: Accept all other emoji name changes, as per the Final Disposition of Comments for PDAM 8, WG2 N3722 (and listed in WG2 N3723)

N. Name Changes for Alchemical Symbols

A number of name changes were made to alchemical symbols, on the suggestions of Irish and U.K. NB comments, to align spelling with OED conventions. These fall into two groups: noncontroversial small corrections, and one other controversial change. The noncontroversial small changes are:

1F708 ALCHEMICAL SYMBOL FOR AQUA-VITAE > ALCHEMICAL SYMBOL FOR AQUA VITAE
1F709 ALCHEMICAL SYMBOL FOR AQUA-VITAE-2 > ALCHEMICAL SYMBOL FOR AQUA VITAE-2
1F715 ALCHEMICAL SYMBOL FOR NITER > ALCHEMICAL SYMBOL FOR NITRE
1F76C ALCHEMICAL SYMBOL FOR BATH OF VAPORS > ALCHEMICAL SYMBOL FOR BATH OF VAPOURS

The controversial changes involve the spelling of SULFUR:

1F70D ALCHEMICAL SYMBOL FOR SULFUR > ALCHEMICAL SYMBOL FOR SULPHUR
1F70E ALCHEMICAL SYMBOL FOR PHILOSOPHERS SULFUR > ALCHEMICAL SYMBOL FOR PHILOSOPHERS SULPHUR
1F70F ALCHEMICAL SYMBOL FOR BLACK SULFUR > ALCHEMICAL SYMBOL FOR BLACK SULPHUR

Debbie Anderson has received feedback from the originators of the alchemical symbols proposal, speaking for the community of users, that the spelling "sulphur" is not acceptable, even among British scholars of alchemy, and that the spelling "sulfur" should be retained.

Recommendation: Accept the first set of name changes. Do not accept the second set of names changes, but instead comment on FPDAM 8 to get them corrected.
O. Code Point Changes for Emoji

Once all of the additions and other changes for the emoji repertoire were dealt with, the entire set was extensively rearranged to move new additions into appropriate locations and to otherwise rationalize the order of the set.

Recommendation: Approve the resulting collection of code points assignments for all of the emoji repertoire, per the Final Disposition of Comments for PDAM 8, WG2 N3722 (and listed in WG2 N3723).

P. Glyph Changes for Emoji

There were also numerous updates to the glyphs for emoji in Amendment 8. Most of these were the subject of prior negotiation and consensus among participants in the emoji proposal. Others were based on discussion with Japan NB participants during the WG2 meeting.

Recommendation: Make a global approval of all the updated glyphs for emoji, per the Final Disposition of Comments for PDAM 8, WG2 N3722 (and as shown in the draft charts in WG2 N3723).

Q. Meetei Mayek Historical Extensions

WG2 approved putting the Meetei Mayek historical extensions requested in WG2 N3478 into the bucket (i.e. provisional approval, but not progressed yet for actual balloting). This involved approving a code point range AAE0..AAF6 and a block MEETEI MAYEK EXTENSIONS with a range AAE0..AAFF.

The current UTC status is that the same repertoire was approved, but without code point assignments or a block designation.

Recommendation: Approve the code points and block name to resynch with WG2 decisions, pending further processing of the repertoire in a future amendment.