

## Title: Emoji Ad-Hoc Meeting Report

Date: 2009-10-27

Source: Emoji Ad-hoc committee

An ad-hoc committee on Emoji encoding met in Tokyo on October 27, 2009. The following were in attendance:

Tero Aalto, Deborah Anderson, Chen Zhuang, Peter Constable, Michael Everson, Erich Fickle, Martin Hosken, Kang Mi-Young, Kim Kyongsok, Mike Ksar, Kat Momoi, Katsuhiko Ogata, Markus Scherer, Masahiro Sekiguchi, Michel Suignard, V. S. (Uma) Umamaheswaran, Ken Whistler, Satoshi Yamamoto, Taro Yamamoto

The ad-hoc meeting was chaired by Peter Constable.

The ad-hoc discussed several open issues from national body comments on PDAM8 related to Emoji, plus additional expert or national-body contributions on Emoji received by WG2 (N3711, N3713). Through these deliberations, the ad-hoc was able to arrive at consensus on many issues that should open the way for WG2 to resolve ballot comments on PDAM8.

The following describes the consensus decisions and recommendations of the Emoji ad-hoc committee:

1. In reference to Irish comment T8 on PDAM8, it is recommended that the following two additional characters be added in FPDAM8:

1F470 TWO MEN HOLDING HANDS  
1F49F TWO WOMEN HOLDING HANDS

Rationale: These complement a related symbol already included in PDAM8, 1F46B COUPLE.

2. In reference to Irish comment T8 on PDAM8, Ireland requested the addition of a new character CAMERA WITH FLASH. The Ad-hoc recommends that this not be added at this time, but invites Ireland submit a proposal with rationale for WG2 to consider in the future.
3. In reference to Irish comment T8 and UK comment T1 on PDAM8, it is recommended that the following additional character be added in FPDAM8:

1F4B7 BANKNOTE WITH POUND SIGN

Rationale: This character was originally proposed in N3607; it complements three other similar characters already in PDAM8 which contain currency symbols for major world currencies.

4. In reference to Irish comment T11 on PDAM8, it is recommended that the following additional character be added in FPDAM8:

1F519 ANTICLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS

Rationale: This complements 1F515 CLOCKWISE UPWARDS AND DOWNWARDS OPEN CIRCLE ARROWS which is already in PDAM8. Both characters are used in user interfaces with a common semantic (reload content); some attested products use one while other attested products use the other.

5. In reference to Irish comment T11 on PDAM8, it is recommended that the following twelve additional characters be added in FPDAM8:

1F55C CLOCK FACE ONE-THIRTY  
1F55D CLOCK FACE TWO-THIRTY

1F55E CLOCK FACE THREE-THIRTY  
1F55F CLOCK FACE FOUR-THIRTY  
1F560 CLOCK FACE FIVE-THIRTY  
1F561 CLOCK FACE SIX-THIRTY  
1F562 CLOCK FACE SEVEN-THIRTY  
1F563 CLOCK FACE EIGHT-THIRTY  
1F564 CLOCK FACE NINE-THIRTY  
1F565 CLOCK FACE TEN-THIRTY  
1F566 CLOCK FACE ELEVEN-THIRTY  
1F567 CLOCK FACE TWELVE-THIRTY

Rationale: These characters complement other clock-face characters already in PDAM8 and are in widespread use in the Wingdings 2 font.

6. In reference to Irish comment T14 on PDAM8, it is recommended that the following additional character be added in FPDAM8:

1F629 FACE WITHOUT MOUTH

Rationale: this character is in attested usage—see IE T14 for details.

Note: it is recommended that the annotations proposed in IE T14 for this and other characters used in discussions of Mahjong not be added in FPDAM8.

7. In reference to Irish comment T16 on PDAM8, it is recommended that the following additional character be added in FPDAM8:

1F6C5 BATHTUB

Rationale: This character is in widespread usage in Europe in travel guides and similar documents. This should be added now to avoid inappropriate confusion with the Emoji symbol 1F6BD BATH, which is a distinct symbol used for distinct purposes.

8. In reference to German comment T11 on PDAM8, Germany requested a name change for 1F46F WESTERN PERSON along with the addition of a distinct character, creating a disunification based on gender (MAN vs. WOMAN). The Ad-hoc determined that the proposed dis-unification based on gender was inappropriate, not correctly reflecting the source Emoji character. Therefore, it is recommended that no changes be made to the character name and that the additional character not be added.
9. In reference to German comment T14, it is recommended that the name for 1F4BB be changed from COMPUTER to PERSONAL COMPUTER as this name most closely reflects the intent of the source Emoji character.
10. In reference to German comment T16, Germany requested a name change for two characters (1F4EB MAILBOX, 1F4EC MAILBOX WITH RAISED FLAG) along with addition of two new characters. The Ad-hoc accepted Germany's comment in principle: in addition to changes requested by Germany, it was also necessary to determine the appropriate mapping from UCS characters to Emoji source characters. Thus, it is recommended that the two existing characters in PDAM8 be replaced with the following four characters, with source mappings as indicated:

OPEN MAILBOX WITH LOWERED FLAG

CLOSED MAILBOX WITH RAISED FLAG

\* KDDI #515

- \* Softbank #323
- \* e-52D

## CLOSED MAILBOX WITH LOWERED FLAG

- \* KDDI #129
- \* e-52C

## OPEN MAILBOX WITH RAISED FLAG

Note: this entails the need for a change in source mapping data from what was given in the original US contributions (N3585, N3712).

11. In reference to Germany's comment T18 on PDAM8, Germany requested name changes for four characters—1F4FC SPEAKER WITH CANCELLATION STROKE .. 1F4FF SPEAKER WITH THREE SOUND WAVES—to add the term BLACK in the names. The recommendation of the Ad-hoc is that no change be made.
12. In reference to Germany's comment T19 on PDAM8, Germany requested name changes for two characters—1F51C DIM SCREEN SYMBOL, 1F51D BRIGHT SCREEN SYMBOL. The Ad-hoc accepted Germany's request in principle and recommends the following names:

1F51C LOW BRIGHTNESS SYMBOL  
1F51D HIGH BRIGHTNESS SYMBOL

13. In reference to Irish comment T15 on PDAM8, it is recommended to change the name for 1F687 from SUBWAY to METRO, and to include two aliases: "subway", "underground train".
14. In reference to US comment T3e and Japan comment G5a, it is recommended that the editor be instructed to include a data file, *EmojiSrc.txt*, that contains source mapping information for Emoji symbols in the UCS in relationship to source characters used in Japanese Telco systems (NTT Docomo, KDDI, Softbank). The format and content of this file should be based on N3712 with revisions reflecting decisions taken during WG2 Meeting #55 to synchronize with the content of FPDAM8, and with one further revision: replace current references to "Unicode" with references instead to "UCS".
15. In reference to US comment T3d, Japan comment G5c, Germany comment T23: The US requested to include characters for mapping source Emoji characters for ten regional indicators; Germany opposed the particular US proposal, though they submitted, together with Ireland, an alternate proposal (N3680) to encode 256 characters for symbols for ISO 3166 two-letter codes. As no consensus toward either of these proposals appeared to be likely, another alternative proposal was raised and agreed upon.

On that basis, it is recommended to add 26 characters for letters used for representation of regional indicators, which would be used in sequences within Emoji protocols to represent the 10 regional indicators (or possible future extensions). Suggested character names are REGIONAL INDICATOR SYMBOL LETTER A .. REGIONAL INDICATOR SYMBOL LETTER Z. See N3727 for further information on this proposal.

16. In reference to Japan comment G5c, Japan requested that requirements for completeness in coverage for source Emoji sets be considered. (This relates in particular to 65 additional characters used within individual Japanese Telco systems. These were included in the original US proposal, N3581/N3582, but were withdrawn by the US at the Dublin meeting when the Emoji repertoire was first added to PDAM8.) The recommendation of the Ad-hoc is that no action be taken by WG2 or SC2 at this time, noting that national bodies are free to investigate additional

Emoji symbols that may be considered for encoding in the UCS in the future should the need arise.

17. In reference to documents N3711, N3713: The Ad-hoc agreed on a basic goal that names and glyphs for Emoji symbols in the UCS should reflect the intended semantics of the source Emoji characters as used in Japanese Telco systems, while at the same time recognizing that some of these symbols may also have broader international usage. With this in mind, it is recommended that the editors and authors of N3711 work together to review glyphs and to make appropriate changes in preparation of FPDAM8.

Additionally, the contributions suggested various name changes, mapping changes, and certain character additions: the Ad-hoc recommends that name changes and character additions not be made at this time, but that national bodies consider these contributions as they prepare ballot comments on FPDAM8.

Note: the recommendations given above reference code points that assume the content of PDAM8. It is anticipated that WG2 will agree to various changes in code positions in the course of disposing of PDAM8 ballot comments. Thus, the Ad-hoc expresses no recommendations or expectations with regard to final code positions to be used in FPDAM8.