Title: Recommendations from ESC for 2018, Part 2 L2/17-287
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Date: 2017-08-08

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**Action Requested**

The ESC requests that the UTC review the attached proposals for emoji sequences, and bring them to the attention of major vendors. Those with strong support can be brought to the October 2017 UTC meeting for inclusion in RGI for Emoji 6.0. The document also includes a list of proposals that are not recommended by the ESC for progression, at this time.

**Disclaimer**

This is a working document for UTC review, publicly visible in the interests of transparency. No proposal made in this working document has any status until a formal decision is taken by the UTC and minuted.

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The following lists valid emoji ZWJ and TAG sequences proposed for consideration by the UTC members for inclusion in the RGI set. These ZWJ Sequences and TAG sequences don't have the same deadline for consideration as new emoji characters. While the new emoji characters can only appear once a year — with a long lead time — the ZWJ and TAG sequences can be added as RGI (see definition after ED-22) more frequently and with a shorter lead time. They are presented here for consideration by UTC members for UTC #153 in 2017Q4.

***Inclusion here does not necessarily represent a recommendation for or against by the ESC or UTC. They are listed here to bring them to the attention of major vendors, for review in the next meeting. See #3.2 in UTC Consideration and Process for Proposed Emoji Sequences.***

At the end of the document are emoji proposals in the UTC document registry that were not progressed by the ESC or UTC. An initial version of this document was presented in UTC #152, and modified as per discussion.

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# ZWJ Sequences

The following are already valid as per ED-16. They were proposed to the ESC for inclusion in set of RGI.

## Misc ZWJ Sequences

| № | Images | Sequence | Proposed Name | Links | ESC comments |
|---|---|---|---|---|---|
| 1 | | <br>1F61E + ZWJ + 1F494 | sad face with broken heart | L2/17-244R | High expected frequency of use |
| 2 | | <br>1F3F4 + ZWJ + 2620 | pirate flag | Suggestion to ESC | Sample of flag suggestion that isn't covered by TAG sequences, but is representable via ZWJ sequences. |
| 3 | | <br>2764 + ZWJ + 1F52A | heart with knife | L2/17-228 | |
| 4 | | <br>1F310 + ZWJ + 2642 | Mars | L2/17-100 | Proposal seen before; artwork improvement. |
| 5 | | <br>1F310 + ZWJ + 2643 | Jupiter | L2/17-100 | Proposal seen before; artwork improvement.<br>♃ U+2643 JUPITER would need to be emoji or emoji_component |
| 6 | | <br>1F310 + ZWJ + 2644 | Saturn | L2/17-100 | Proposal seen before; artwork improvement.<br>♄ U+2644 SATURN would need to be emoji or emoji_component |
| 6 | | <br>1F9D1 + ZWJ + 1F451 | person with crown | L2/17-232 | Was proposed as character, but the UTC discussion suggested a ZWJ sequence instead, as being more general. Would result in 6 emoji images because of skin-tone modifiers. |

Document L2/17-232 also proposes the addition of the following 32 ZWJ sequences for additional gender variants, corresponding to existing ZWJ sequences. Images and code points were not included in the proposal, so the Sequences are represented by the character names. See also the previous L2/17-071.

Note that with skin-tone modifiers, the following list would require the addition of 32*6 = 192 images.

## Gender Object Sequences

| Sequence | Proposed Name |
|---|---|
| ADULT + STAFF OF AESCULAPIUS | Health Worker |
| ADULT + SCALES | Judge |
| ADULT + AIRPLANE | Pilot |
| ADULT + EAR OF RICE | Farmer |

| | |
|---|---|
| ADULT + COOKING | Cook |
| ADULT + GRADUATION CAP | Student |
| ADULT + MICROPHONE | Singer |
| ADULT + ARTIST PALETTE | Artist |
| ADULT + SCHOOL | Teacher |
| ADULT + FACTORY | Factory Worker |
| ADULT + PERSONAL COMPUTER | Technologist |
| ADULT + BRIEFCASE | Office Worker |
| ADULT + WRENCH | Mechanic |
| ADULT + MICROSCOPE | Scientist |
| ADULT + ROCKET | Astronaut |
| ADULT + FIRE ENGINE | Firefighter |

### Gender Sign Sequences

| Sequence | Proposed Name |
|---|---|
| MAN WITH GUA PI MAO + FEMALE SIGN | Woman with Chinese Cap |
| MAN WITH GUA PI MAO + MALE SIGN | Man with Chinese Cap |
| BRIDE WITH VEIL + FEMALE SIGN | Woman with Veil |
| BRIDE WITH VEIL + MALE SIGN | Man with Veil |
| MAN IN TUXEDO + FEMALE SIGN | Woman in Tuxedo |
| MAN IN TUXEDO + MALE SIGN | Man in Tuxedo |
| MAN IN BUSINESS SUIT LEVITATING + FEMALE SIGN | Woman in Suit Levitating |
| MAN IN BUSINESS SUIT LEVITATING + MALE SIGN | Man in Suit Levitating |
| PREGNANT WOMAN + FEMALE SIGN | Pregnant Woman |
| PREGNANT WOMAN + MALE SIGN | Pregnant Man |
| BREAST-FEEDING + FEMALE SIGN | Woman Breast-Feeding |
| BREAST-FEEDING + MALE SIGN | Man Breast-Feeding |
| PERSON WITH HEADSCARF + FEMALE SIGN | Woman with Headscarf |
| PERSON WITH HEADSCARF + MALE SIGN | Man with Headscarf |
| BEARDED PERSON + FEMALE SIGN | Bearded Woman |
| BEARDED PERSON + MALE SIGN | Bearded Man |

## Tag Sequences

The following are already valid as per ED-14a and *Annex C. Valid Emoji Tag Sequences*. They were proposed to the ESC for inclusion in set of RGI.

| № | Sequence | Proposed Name | Links | ESC comments |
|---|---|---|---|---|
| 1 | 🏴 usca✦, etc. | US state flags | Proposal to ESC | |
| 2 | 🏴 esct✦ | Catalan | Proposal to ESC | |
| 3 | 🏴 frbre✦ | Bretagne | Proposal to ESC | |

| | | | | |
|---|---|---|---|---|
| 4 | espv✦ | Basque | Proposal to ESC | |
| 5 | gbnir✦ | Northern Ireland | Proposal to ESC | No official flag. |

There are other flag proposals that are not yet ready for consideration by the UTC, because they cannot be represented by TAG sequences, and have no proposed ZWJ sequences in their proposals. The ESC needs more time to develop a strategy for assessing expected frequency of usage and prioritizing them.

## New emoji character proposals: not progressed

The following proposals for new characters were proposed to the ESC, and forwarded to the UTC as being well-formed and thus entered in the UTC document registry. They were not prioritized for support by the ESC at this time.

| № | Image | Proposed Name | Links | ESC comments |
|---|---|---|---|---|
| 1 | | clasping hands (bro shake) | L2/17-275 | There is an existing problem for skin tone representation of multi-person emoji; the discussion in UTS #51 about multi-person groupings will be expanded to cover cases like this. The ESC needs to find a better solution. |
| 2 | | period | L2/17-216 | prefer encoding a separate character for blood drop; would be more general usage, and could be used in sequences. |
| 3 | | oyster with pearl | L2/17-269 | considered lower priority than recommended food items; trying to capture too much (jewelry + food) |
| 4 | | needle and thread | L2/17-249 | redundant, hard to recognize |
| 5 | | coin | L2/17-229 | redundant given other money symbols |
| 6 | | person with crown | L2/17-232 | UTC suggested ZWJ sequence instead (see above) |
| 7 | | person with Christmas hat | L2/17-232 | Insufficient evidence of potential usage. UTC suggested considering ZWJ sequences instead, possibly with new object character. Would result in 6 emoji images because of skin-tone modifiers. |
| 8 | | person dancing | L2/17-232 | Insufficient evidence of potential usage. UTC suggested considering ZWJ sequences instead, possibly with new object character. Would result in 6 emoji images because of skin-tone modifiers. |

There are other proposals that were received by the ESC, but are not yet ready for consideration by the UTC, because either they are not well-formed, or they are each part of a larger sets of characters that needs further analysis and prioritization.

## Other emoji proposals

The following proposal for “emojification” of a pre-existing character was not prioritized for support by the ESC at this time.

| № | Image | Proposed Name | Links | ESC comments |
|---|---|---|---|---|
| 1 | | ringing bell | L2/17-240 | proposal to emojify existing character: low priority, vendors already have the flexibility to show existing emoji bell in the desired way |

One character originally proposed as emoji is considered more appropriate for encoding as a non-emoji symbol by the ESC. As a result, it would go through the normal process for deciding whether to encode a symbol.

| № | Image | Proposed Name | Links | ESC comments |
|---|---|---|---|---|
| 1 | | nine-pointed star | L2/17-237 | Used for Baha'i, but also adds to the set of stars, for which Unicode has 3, 4, 5, 6, 8, and 12 point stars. Needs proposal in that form, presenting case for white (hollow) or black (filled) form, and comparing to existing stars. |