Emoji Additions: Animals, Compatibility, and More Popular Requests

To: UTC
Date: May 8, 2015
From: Emoji Sub-committee
Live Doc: http://goo.gl/yq5QoA

This document supersedes:
Revision 3: 2015.05.08
Revision 2: 2015.05.03
Revision 1: 2015.02.05
Revision 0: 2015.02.02

Introduction

The Unicode emoji subcommittee recommends the following set of 38 characters for encoding in version 9.0 of the Unicode Standard. These symbols are considered for incorporation into Unicode for reasons such as compatibility usage, popular requests from online communities, and filling the gaps in the existing set of Unicode emoji.

For each proposed symbols, the rationale is added in the "Notes" column in the tables and there are further details in the "Discussion" section after the charts. It should be noted that the web search engine results in the "Notes" is not a definitive selection factor; it is an indicator, but may not fully reflect the potential popularity of the corresponding image among online communities.

Color images below are for illustrative purposes and are not included in all cases. Likewise halftone characters are also illustrative. A font will be supplied for characters that are approved.

Proposed Characters

Faces and Body

<table>
<thead>
<tr>
<th>Code</th>
<th>Halftone</th>
<th>Color</th>
<th>Name</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F920</td>
<td></td>
<td></td>
<td>FACE WITH COWBOY HAT</td>
<td>Compatibility: Yahoo Messenger</td>
</tr>
<tr>
<td>Unicode Code</td>
<td>Image</td>
<td>Description</td>
<td>Compatibility</td>
<td></td>
</tr>
<tr>
<td>--------------</td>
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<td>---------------</td>
<td></td>
</tr>
<tr>
<td>1F921</td>
<td><img src="image1.png" alt="CLOWN FACE" /></td>
<td>CLOWN FACE</td>
<td>Yahoo Messenger</td>
<td></td>
</tr>
<tr>
<td>1F922</td>
<td><img src="image2.png" alt="NAUSEATED FACE" /></td>
<td>NAUSEATED FACE</td>
<td>Yahoo Messenger, MSN Messenger</td>
<td></td>
</tr>
<tr>
<td>1F923</td>
<td><img src="image3.png" alt="ROLLING ON THE FLOOR LAUGHING" /></td>
<td>ROLLING ON THE FLOOR LAUGHING</td>
<td>Yahoo Messenger</td>
<td></td>
</tr>
<tr>
<td>1F924</td>
<td><img src="image4.png" alt="DROOLING FACE" /></td>
<td>DROOLING FACE</td>
<td>Yahoo Messenger</td>
<td></td>
</tr>
<tr>
<td>1F925</td>
<td><img src="image5.png" alt="LYING FACE" /></td>
<td>LYING FACE</td>
<td>Yahoo Messenger</td>
<td></td>
</tr>
<tr>
<td>1F919</td>
<td><img src="image6.png" alt="CALL ME HAND" /></td>
<td>CALL ME HAND</td>
<td>Note: Hand gestures, faces and body parts are among the most frequently used emoji. Very popular and expected usage is high (see CALL ME HAND/all hand gestures expected popularity notes above). Proposed by iDiversicons.</td>
<td></td>
</tr>
<tr>
<td>1F933</td>
<td><img src="image7.png" alt="SELFIE" /></td>
<td>SELFIE</td>
<td>Text: 233,000,000, Images: 138,000,000. Subject of request from Business Insider wish list, Brit Co wish list, Fortune Magazine, The Guardian. Option: design image to have just the hand and phone, pointing at following face symbol. Very popular and expected usage is high (see CALL ME HAND/all hand gestures expected popularity notes above). Proposed by iDiversicons.</td>
<td></td>
</tr>
<tr>
<td>1F91A</td>
<td><img src="image8.png" alt="RAISED BACK OF HAND" /></td>
<td>RAISED BACK OF HAND</td>
<td>Yahoo Messenger. May be used in sequence with U+270B RAISED HAND (each with optional skin tone modifiers) to suggest &quot;high five&quot;. Expected usage for such a sequence is high (...). Originated in the U.S. but used around the world (Europe, UK, Japan, etc.). 330,000,000 hits on Google search. See CALL ME HAND/all hand gestures expected popularity notes above. Proposed by iDiversicons.</td>
<td></td>
</tr>
<tr>
<td>1F91B</td>
<td><img src="image9.png" alt="LEFT-FACING FIST" /></td>
<td>LEFT-FACING FIST</td>
<td>May be used in sequence with RIGHT-FACING FIST (each with optional skin tone modifiers) to suggest &quot;fist bump&quot;. Expected usage for such a sequence is high (e.g. 2.5 million Google hits for &quot;fist bump&quot;). See CALL ME HAND/all hand gestures expected popularity notes above. Proposed by iDiversicons.</td>
<td></td>
</tr>
<tr>
<td>1F91C</td>
<td><img src="image10.png" alt="RIGHT-FACING FIST" /></td>
<td>RIGHT-FACING FIST</td>
<td>May be used in sequence with LEFT-FACING FIST (each with optional skin tone modifiers) to suggest &quot;fist bump&quot;. Expected usage for such a sequence is high (e.g. 2.5 million Google hits for &quot;fist bump&quot;). See CALL ME HAND/all hand gesture expected popularity notes above. Proposed by iDiversicons.</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Halftone</td>
<td>Color</td>
<td>Name</td>
<td>Notes</td>
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</tr>
<tr>
<td>1F91D</td>
<td></td>
<td></td>
<td>HANDSHAKE</td>
<td>EmojiTracker data shows that the single waving hand (the closest analog) has been used ~22,000,000 in tweets. 30,500,000 hits on Google search. Expected usage is very high, image distinctiveness...clearly recognizable. Already have several versions of hand emoji. See CALL ME HAND/all hand gestures expected popularity notes above. Proposed by iDiversicons.</td>
</tr>
<tr>
<td>1F91E</td>
<td></td>
<td></td>
<td>HAND WITH FIRST AND INDEX FINGER CROSSED</td>
<td>Apple most requested list tier 1; Google most requested list tier 1; Emojipedia most requested list tier 1; &quot;Hoping for the best.&quot; NYmag &amp; Business Insider list; <a href="http://nytimes.com/2015/03/08/opinion/sunday/turn-emojis-red-white-and-blue.html">http://nytimes.com/2015/03/08/opinion/sunday/turn-emojis-red-white-and-blue.html</a> One of the most widely recognized symbols in the Western world. 57,000,000 hits on Google search. Very popular and high expected frequency of use. Proposed by iDiversicons. Highest frequency request; See CALL ME HAND/all hand gestures expected popularity notes above.</td>
</tr>
<tr>
<td>1F926</td>
<td></td>
<td></td>
<td>FACE PALM</td>
<td>Apple most requested list tier 1; Emojipedia most requested list tier 1; Frustration, disbelief, disappointment, exasperation</td>
</tr>
<tr>
<td>1F937</td>
<td></td>
<td></td>
<td>SHRUG</td>
<td>Apple most requested list tier 2; is a common emoticon with 1,600,000 hits on Google search for ¯_(ツ)_/ \ <a href="http://internet.gawker.com/the-lost-emoji-1686383816">http://internet.gawker.com/the-lost-emoji-1686383816</a></td>
</tr>
</tbody>
</table>

### People

<table>
<thead>
<tr>
<th>Code</th>
<th>Halftone</th>
<th>Color</th>
<th>Name</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F57A</td>
<td></td>
<td></td>
<td>MAN DANCING</td>
<td>Committee should consider disunification as it was likely a mistake to have unified this from the original Japanese vendor sets.; missing gender pair</td>
</tr>
<tr>
<td>1F934</td>
<td></td>
<td></td>
<td>PRINCE</td>
<td>L2/15-048; missing gender pair</td>
</tr>
<tr>
<td>1F935</td>
<td></td>
<td></td>
<td>MAN IN TUXEDO</td>
<td>Apple most requested list tier 2; L2/15-048; Add Annotation for appearance for groom, e.g. &quot;can be paired with BRIDE WITH VEIL&quot;; missing gender pair</td>
</tr>
<tr>
<td>1F936</td>
<td></td>
<td></td>
<td>MOTHER CHRISTMAS</td>
<td>L2/15-048; ; missing gender pair</td>
</tr>
</tbody>
</table>
### Others

<table>
<thead>
<tr>
<th>Code</th>
<th>Halftone</th>
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<th>Name</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F940</td>
<td></td>
<td></td>
<td>WILTED FLOWER</td>
<td>Compatibility: MSN Messenger</td>
</tr>
<tr>
<td>1F6F4</td>
<td></td>
<td></td>
<td>SCOOTER</td>
<td>Emojipedia most requested list tier 1; Vehicles. high frequency on web</td>
</tr>
<tr>
<td>1F6F5</td>
<td></td>
<td></td>
<td>MOTOR SCOOTER</td>
<td>Emojipedia most requested list tier 1; Apple most requested list 2; Vehicles. high frequency on web; common transport in many countries, esp emerging markets</td>
</tr>
</tbody>
</table>
| 1F6D1 |          |       | OCTAGONAL SIGN        | Vehicles. Red interior, white rim. May contain the word STOP (or other language equivalents). Also metaphorical use.  
Complete set with yield sign, already at U+26DB ▼ heavy white down-pointing triangle; consider relationship with existing U+2BC3 HORIZONTAL BLACK OCTAGON. |
| 1F942 |          |       | CLINKING GLASSES      | Apple most requested list tier 2  
Holiday/Celebration. Can represent celebrations in many cultures, and also can represent formal toasting which is important in many cultures (e.g. eastern Europe, Scandinavia, and East Asia). Bing 815,000; Yahoo 782,000; Twitter Emoji Track for Clinking Mugs (U+1F37B) for clinking beer mugs 5,671,000. Image distinctiveness, very high expected usage level and compatibility. Proposed by iDiversicons. [https://uk.lifestyle.yahoo.com/the-14-emojis-that-should-exist-brits-need-tea-champagne-cricket-170829829.html](https://uk.lifestyle.yahoo.com/the-14-emojis-that-should-exist-brits-need-tea-champagne-cricket-170829829.html) |
| 1F5A4 |          |       | BLACK HEART           | Emojipedia most requested list 2014; current BLACK HEART has an emoji presentation that is red.  
UTC recommendation to use U+1F394 🖤 HEART WITH TIP ON THE LEFT if given annotation that it is a black heart with an emoji representation; Add annotation of SUITE |

### Food Items and Plants

<table>
<thead>
<tr>
<th>Code</th>
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<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F950</td>
<td></td>
<td></td>
<td>CROISSANT</td>
<td>Apple most requested list tier 1; Popular food item in France and other European countries.</td>
</tr>
<tr>
<td>Code</td>
<td>Halftone</td>
<td>Color</td>
<td>Name</td>
<td>Notes</td>
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<td>------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>1F951</td>
<td></td>
<td></td>
<td>AVOCADO</td>
<td>Apple most requested list tier 2; <a href="http://internet.gawker.com/the-lost-emoji-1686383816">http://internet.gawker.com/the-lost-emoji-1686383816</a> NYmag list,</td>
</tr>
<tr>
<td>1F952</td>
<td></td>
<td></td>
<td>CUCUMBER</td>
<td>Apple most requested list tier 2; <a href="http://internet.gawker.com/the-lost-emoji-1686383816">http://internet.gawker.com/the-lost-emoji-1686383816</a> Also represents PICKLE</td>
</tr>
<tr>
<td>1F953</td>
<td></td>
<td></td>
<td>BACON</td>
<td>Google most requested list tier 1; Apple most requested list tier 2; <a href="http://nytimes.com/2015/03/08/opinion/sunday/turn-emojis-red-white-and-blue.html">http://nytimes.com/2015/03/08/opinion/sunday/turn-emojis-red-white-and-blue.html</a> others</td>
</tr>
<tr>
<td>1F954</td>
<td></td>
<td></td>
<td>POTATO</td>
<td>Emojipedia most requested list tier 2</td>
</tr>
<tr>
<td>1F955</td>
<td></td>
<td></td>
<td>CARROT</td>
<td>Emojipedia most requested list tier 2</td>
</tr>
</tbody>
</table>

### Animals

<table>
<thead>
<tr>
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<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1F98A</td>
<td></td>
<td></td>
<td>FOX FACE</td>
<td>common animal; symbolic and metaphorical usages; web stats (#1 current candidates animal) @~154,000,000; John Cowan L2/15-032 Feedback</td>
</tr>
<tr>
<td>1F985</td>
<td></td>
<td></td>
<td>EAGLE</td>
<td>common animal; web stats (#4 current candidates animal) @~58,600,000 Google search results; Cornell #4 request. National bird in 15 countries (highest number of countries)</td>
</tr>
<tr>
<td>1F986</td>
<td></td>
<td></td>
<td>DUCK</td>
<td>also a food item; common bird; web stats (#8 current candidates animal) @~46,300,000 Google search results; Cornell #11 request</td>
</tr>
<tr>
<td>1F987</td>
<td></td>
<td></td>
<td>BAT</td>
<td>common animal; symbolic and metaphorical usages; web stats (#7 current candidates animal) @~48,600,000 Google search results; Yahoo emoji</td>
</tr>
<tr>
<td>1F988</td>
<td></td>
<td></td>
<td>SHARK</td>
<td>Google most requested list tier 2; also a food item; common animal; web stats (#5 current candidates animal) @~57,700,000 Google search results. Metaphoric usage;</td>
</tr>
</tbody>
</table>
Discussion

Compatibility Faces and Body
Unicode emoji subcommittee researched the existing sets of smiley symbols for major instant messaging services (Yahoo Messenger and now discontinued MSN Messenger) for the purpose of providing a mapping between existing emoji in Unicode and those symbols. Two comparison charts were prepared:

- [L2/15-059] Comparing Yahoo Messenger Smiley Set to Unicode Emoji
- [L2/15-058] Comparing MSN Messenger Smiley Set to Unicode Emoji

and 10 symbols which could neither be mapped to single code points nor to a sequence of emoji, were added to this proposal.

Other Faces and Body
iDiversicons proposed emoji in document L2/14-282. The emoji subcommittee reviewed this proposal and recommends encoding six (6) of these additions -- call me hand, high five, fist bump, hand shake, cross-fingers, and clinking glasses.

People
To address unpaired gender specific emoji, iDiversicons and the emoji subcommittee proposed gender counterparts in document L2/15-048. For example, there is an existing emoji for princess (U+1F478), but no emoji for prince; and an existing emoji for bride (U+1F470), but no emoji for groom.

Food and Plant Items
The (mostly) food items in this table reflect many of the highest requested emoji to Apple, Google, and Emojipedia.

Animals
Animal emoji additions were proposed in document L2/14-174R2.

The emoji subcommittee reviewed this proposal and recommends encoding six (6) animal emoji -- fox face, eagle, duck, bat, shark, and owl.
Some of these animal emoji have been frequently requested, in websites suggesting emoji additions, as well as in direct requests to Unicode. Though the animal emoji additions are global, some of the requests for these are from North American sources. At present, we are not aware of similar campaigns or collected requests from elsewhere.

Some zoo top animal lists reviewed were:

http://www.thetoptens.com/zoo-animals/

http://shareranks.com/5632,Top-Animals-Found-at-a-Zoo

http://www.hotelclub.com/blog/the-most-famous-zoo-animals-you-need-to-see/

http://zooanimalphotos.com/favorite-zoo-animal-poll-results/

For bird emoji specifically, Cornell University Lab of Ornithology was consulted. Cornell University has one of the leading ornithology education and research departments in the world. Their Lab of Ornithology has produced ebird.com with the largest source of global bird sighting and occurrence data. Additionally, they produce one of the two leading lists of birds and their systematic (much genetic) classification – The Clements Checklist of Birds of the World. The list of Cornell’s Lab of Ornithology top desired bird emoji are (in order): Dove, Owl, Chicken, Eagle, Crow, Crane, Stork, Peacock, Robin or bluebird, Hummingbird, Duck, Pheasant, Magpie, Hawk, Turkey.

Properties

UnicodeData.txt

1F57A;MAN DANCING;So;0;ON;;;;N;;;;;;;;
1F5A4;BLACK HEART;So;0;ON;;;;N;;;;;;;;
1F6F4;SCOOTER;So;0;ON;;;;N;;;;;;;;
1F6F5;MOTOR SCOOTER;So;0;ON;;;;N;;;;;;;;
1F6D1;STOP SIGN;So;0;ON;;;;N;;;;;;;;
1F919;CALL ME HAND;So;0;ON;;;;N;;;;
1F91A;RAISED BACK OF HAND;So;0;ON;;;;N;;;;
1F91B;LEFT-FACING FIST;So;0;ON;;;;N;;;;
1F91C;RIGHT-FACING FIST;So;0;ON;;;;N;;;;
1F91D;HAND SHAKE;So;0;ON;;;;N;;;;
1F91E;HAND WITH FIRST AND INDEX FINGER CROSSED;So;0;ON;;;;N;;;;
1F920;FACE WITH COWBOY HAT;So;0;ON;;;;N;;;;
1F921;CLOWN FACE;So;0;ON;;;;N;;;;
1F922;NAUSEATED FACE;So;0;ON;;;;N;;;;
1F923;ROLLING ON THE FLOOR LAUGHING;So;0;ON;;;;N;;;;
1F924;DROOLING FACE;So;0;ON;;;;N;;;;
1F925;LYING FACE;So;0;ON;;;;N;;;;
1F926;FACE PALM;So;0;ON;;;;N;;;;
1F930;PREGNANT WOMAN;So;0;ON;;;;N;;;;
1F933;SELFIE;So;0;ON;;;;N;;;;
1F934:PRINCE;So;0;ON;;;;N;;;;
1F935:MAN IN TUXEDO;So;0;ON;;;;N;;;;
1F936:MOTHER CHRISTMAS;So;0;ON;;;;N;;;;
1F937:SHRUG;So;0;ON;;;;N;;;;
1F940:WILTED FLOWER;So;0;ON;;;;N;;;;
1F942:CLINKING GLASSES;So;0;ON;;;;N;;;;
1F950:CROISSANT;So;0;ON;;;;N;;;;
1F951:AVOCADO;So;0;ON;;;;N;;;;
1F952:CUCUMBER;So;0;ON;;;;N;;;;
1F953:BACON;So;0;ON;;;;N;;;;
1F954:POTATO;So;0;ON;;;;N;;;;
1F955:CARROT;So;0;ON;;;;N;;;;
1F985:EAGLE;So;0;ON;;;;N;;;;
1F986:DUCK;So;0;ON;;;;N;;;;
1F987:BAT;So;0;ON;;;;N;;;;
1F988:SHARK;So;0;ON;;;;N;;;;
1F989:OWL;So;0;ON;;;;N;;;;
1F98A:FOX FACE;So;0;ON;;;;N;;;;
ISO/IEC JTC1/SC2/WG2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from
http://std.dkuug.dk/JTC1/SC2/WG2/docs/principles.html for guidelines and details before filling this form.

Please ensure you are using the latest Form from

See also http://std.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html for latest Roadmaps.

A. Administrative
1. Title: Emoji Additions: Animals, Compatibility, and More Popular Requests
2. Requester's name: Unicode emoji subcommittee
3. Requester type (Member body/Liaison/Individual contribution): Individual
4. Submission date:
5. Requester’s reference (if applicable):
6. Choose one of the following:
   ■ This is a complete proposal:
   □ More information will be provided later:

B. Technical - General
1. Choose one of the following:
   a. This proposal is for a new script (set of characters):
   □ Proposed name of script:
   b. The proposal is for addition of character(s) to an existing block:
      Name of the existing block: Miscellaneous Symbols And Pictographs, Transport And Map Symbols, Supplemental Symbols and Pictographs
2. Number of characters in proposal: Thirty-eight
3. Proposed category (select one from below - see section 2.2 of P&P document):
   □ A-Contemporary  □ B.1-Specialized (small collection)  □ B.2-Specialized (large collection)
   □ C-Major extinct  □ D-Attested extinct  □ E-Minor extinct
   □ F-Archaic Hieroglyphic or Ideographic  □ G-Obscure or questionable usage symbols
4. Is a repertoire including character names provided? Yes
   a. If YES, are the names in accordance with the “character naming guidelines” Yes
   b. Are the character shapes attached in a legible form suitable for review? Yes
5. Fonts related:
   a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?
   b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):
6. References:
   a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? N/A
   b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?

Emoji in this proposal are requested for addition to Unicode 9.0 for essentially the same reasons as those additions accepted for 8.0.
It should be noted how intensely popular emoji have become. In addition to the frequency document

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referenced in the introduction, the committee should also look at the analysis by SwiftKey and Instagram per the links just below:

and

7. Special encoding issue
Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)? No

8. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for such information on other scripts. Also see UAX#44: http://www.unicode.org/reports/tr44/ and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

C. Technical - Justification
1. Has this proposal for addition of character(s) been submitted before? No
   If YES explain
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)? No
   If YES, available relevant documents:
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Yes
   Reference:
4. The context of use for the proposed characters type of use; common or rare)
   Reference:
5. Are the proposed characters in current use by the user community? Yes
   If YES, where? Reference:
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? No
   If YES, is a rationale provided?
   If Yes, reference:
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)? No
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? No
   If YES, is a rationale for its inclusion provided?
   If Yes, reference:
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? No
   If YES, is a rationale for its inclusion provided?
   If Yes, reference:
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to, or could be confused with, an existing character? No
    If YES, is a rationale for its inclusion provided?
11. Does the proposal include use of combining characters and/or use of composite sequences?  
   If YES, is a rationale for such use provided?  No  
   If Yes, reference:  
   Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?  
   If Yes, reference:  

12. Does the proposal contain characters with any special properties such as control function or similar semantics?  No  
   If YES, describe in detail (include attachment if necessary)  

13. Does the proposal contain any Ideographic compatibility characters?  No  
   If YES, are the equivalent corresponding unified ideographic characters identified?  
   If Yes, reference: