ISO
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ISO/IEC JTC1/SC2/WG2
Universal Multiple-Octet Coded Character Set (UCS)

ISO/IEC JTC1/SC2/WG2 N 2108
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TITLE: Editor's response to UTC comments on draft of 10646-1 ed.2
SOURCE: Bruce Paterson, project editor
STATUS: Personal contribution
ACTION: For review and dispositions by WG2
DISTRIBUTION: JTC1/SC2/WG2

UTC comments on the draft text of 10646-1 2nd Edition (WG2 N 2005) have been distributed as WG2 N 2085 dated September 9 1999.

This paper gives the editor's proposed Disposition of Comments on each item in that document, for review, amendment as required, and decision by WG2.

Editorial comments can be processed immediately for inclusion in 2nd Edition. Other comments would need to be ballotted in a Technical Corrigendum. The three comments reviewed here all appear to be editorial.

1. Accepted in principle.
   - The following Note will be added at the end of "1 Scope", before the existing Note;
   - a full reference to the Unicode Standard version 3.0 will be added to Annex M (Sources of characters).

   NOTES
   1 The Unicode Standard, Version 3.0, provides a set of characters, names, and coded representations that are identical with those in this Part 1 of this International Standard. It additionallly provides details of character properties, processing algorithms, and definitions that are useful to implementors.

   Justification: The text proposed in the comment has been reworded to use the same terms as are used in "1 Scope".

2. Accepted in principle.
   The following Note will be added at the end of clause "F.1.3 Bi-directional text formatting" in Annex F.

   NOTE The rendering of characters in a bi-directional context can be correctly determined by following the bi-directional algorithm defined in the Unicode Standard, Version 3.0. This algorithm is applicable when using the explicit bi-directional formatting characters defined here (202A - 202E) or when rendering bi-directional text implicitly.

Justification: Clause 19 describes a set of symmetric-swapping characters, but not bi-directionality in general. It is thus not the proper place to insert the proposed text on the bi-di algorithm.
Also U+202F is not a bi-di formatting character.

3. Accepted in principle.
The following Note will be added at the end of C.1.

NOTE The Unicode Standard, Version 3.0, defines the following forms of UTF-16.
- UTF-16: the ordering of octets (6.3) is not defined and signatures (Annex H) may appear;
- UTF-16BE: in the ordering of octets the more significant octet precedes the less significant octet, as specified in 6.2, and no signatures appear;
- UTF-16LE: in the ordering of octets the less significant octet precedes the more signifiant octet and no signatures appear.

Justification: The first sentence proposed in the comment already appears in 6.3 and should not be repeated here.
The second sentence proposed in the comment uses terms which are undefined, do not appear in standard dictionaries, and are difficult to translate into other languages. Accordingly it has been reworded using the terminology of 10646-1.
