

ISO/IEC JTC1/SC2/WG2 N 3627

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**ISO/IEC JTC1/SC2/WG2
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Summary: This document describes the Working Draft (WD) document N3593, highlighting updates from the previous versions N3509 and the accompanying chart N3510. It is now a multipart document (to keep each file size manageable) including text and charts.

17 new files:

- N3593-main.pdf (main file) with its linked 16 files:
- N3593-xxxx-xxxx.pdf (14 files including all the charts, page 55 to 2150)
- CJKU_SR.txt (includes now most of the RS info)
- CJKC_SR.txt (up to date)

(These 17 files must be in the same directory for the links to work)

The other files have not been linked, because either they are unchanged (collections, Korean attachments) or because they are not yet updated (such as Allnames.txt). When the 10646:2009 FCD (or CD) is created the other linked files will be provided.

The text part is mostly unchanged from the previous version, except for description of the multi-column CJK charts, and the update to incorporate amendment 7.

The major change concerns the multicolumn CJK chart. It is now provided for all CJK Unified Ideograph blocks.

Unfortunately some characters are still missing, status following:

Main block (URO):

- G source, provided (proper glyphs for 9FB4-9FBB, 9FC3 provided after N3593 was published)
- T source, none, using commercial font (MingLiu)
- J source, provided
- K source, provided

- KP source, none
- V source, none, using semi official font (NomNaTong Light)
- H source, provided
- U source, provided
- M source, no entry

Extension-A

- G source, provided
- T source, none, using commercial font (MingLiu)
- J source, provided
- K source, provided
- KP source, none
- V source, none, using semi official font (NomNaTong Light)
- H source, provided
- U source, no entry
- M source, no entry

Extension-B

- G source, none, using commercial font zyksun from Zhong yi
- T source, none, using commercial font (MingLiu)
- J source, none, using commercial font (MS Mincho)
- K source, provided
- KP source, none
- V source, none, using semi official font (NomNaTong Light)
- H source, provided
- U source, no entry
- M source, no entry

Extension-C

- G source, provided, with complex mapping
- T source, provided, with complex mapping
- J source, provided (after N3593 was published)
- K source, provided
- KP source, provided
- V source, provided
- H source, provided
- U source, provided
- M source, provided (after N3593 was published)

The content is aligned with ISO/IEC 10646:2003 including amendment 1 to 7. The document under future ballot (expected to be a Committee Draft: CD) will track the latest changes made to amendment 6 and 7 after the WG2 #54 dispositions of comments.

Although desirable, the charts do not show the CJK compatibility ideograph blocks in multi-column formats, even for the characters that are in fact part of the CJK Unified Ideograph collection. This may be done later, pending tool improvement.

Known errata/issues

In order to provide these charts as early as possible, the document was provided before the following known deficiencies were corrected:

- The glyph for character 22C4 DIAMOND OPERATOR was changed by amendment 3; furthermore amendment 4 introduced new diamond shapes in the block 2B00-2B7F Miscellaneous Symbols and Arrows. However in the current chart, the glyph is back at its pre-amendment 3 shape. It is unclear if amendment 4 intended to undo the change made by amendment 3 for 22C4 or not.
- Lack of source information for five CJK Unified Ideographs: 20957, 221EC, 22FDD, 24FB9, and 2A13A.
- Lack of radical stroke information for all Extension C characters and the three J_ARIB characters: 9FC4-9FC6.
- J glyph and M glyphs for Ext C are missing in N3593. They have been provided since then.
- KP glyphs are missing for Main block, ExtA, and ExtB. Guidance is sought on what to do about the main block where the KP source uses a full column (empty for now).
