

Universal Multiple-Octet Coded Character Set  
UCS

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1. **The Shuowen Seal Meetings:** There were two Shuowen Seal Meetings held in 2019. The informal meeting was hosted by Beijing Normal University on June 1 at Beijing, to discuss the issues after the 67th meeting of WG2. The report is [WG2n5089](#). The Ad hoc meeting was hosted by BSMI and CMEX held on 9/30 to 10/1 at Taipei, mainly discussed the issues of encoding Shuowen Seal script. The resolution is [WG2n5119](#). Those who are interested can read it themselves.
2. **The draft standard “Bopomofo Typography in Digital Contents”:** The Bopomofo is a unique Chinese pronunciation system in Taiwan. It is used as phonetic notation for Chinese characters and dialects (such as Minnan language). There are two types of typesetting Bopomofo symbols: straight and horizontal. Currently, when a digital document or publication is presented in the form of a web page, an e-book, or an App, the tone symbol position in a Bopomofo-based phonetic notation has not been standardized. In order to solve the problem of tone symbol within a Bopomofo-based notation alignment in digital typography, TCA originally proposed to apply for four combinations of (combing) tone symbols in the WG2 68th meeting, adding “for Bopomofo symbols (display/layout)” and other instructions and two tone symbols (see [WG2n5088](#) for documentation). However, after discussion with Chinese experts, Ken Lunde, Liang Hai, etc., there are two feasible options at this stage: one is because the current Bopomofo tone marks is used in the Latin area, so you can apply for a Bopomofo tone marks -specific area to WG2. The other one is to use OpenType technology to adjust tone marks’ position of Mandarin and Dialect/Min-Nan Bopomofo system, to fulfill the layout requirement published by Ministry of Education, Taiwan. These two schemes have their own advantages and disadvantages. If the former has a special area, although it is a long-term solution, it must wait until the system support is long-lasting, and the latter can be used immediately.

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