Information Technology

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Proposed Modifications to Programme of Work of ISO/IEC J TC 1/SC 2

Minor enhancement of ISO/IEC 10646-1: 2000

Subproject No.: J TC 1.02.18.01.01.00.02

Title: Universal Multiple-Octet Coded Character Set (UCS) -- Part 1: Architecture and basic Multilingual Plane, AMENDMENT 1: Mathematical Symbols and other characters

Scope:
1. Remove the provision for private use groups and planes beyond plane 16

2. Repertoire additions to BMP include:
   a. Approximately 951 Math symbols
   b. Additional 5 Yi Radicals
   c. Additional symbols from JIS X0213
   d. Additional 61 (approx) CJK compatibility ideographs from JIS X0213
   e. Additional Collection Identifiers for European sub repertoires
   f. Additional Collection Identifiers for identifying collections that include base characters and combining sequences.
   g. Additional collection identifiers identified in draft of ISO/IEC 10646-2, the disposition of comments on the CD ballot for ISO/IEC 10646-2.
   h. Additional modifications based expected disposition of comments on ballot results of FCD ISO/IEC 10646-2.
   i. Miscellaneous repertoire additions such as Cyrillic Sami, Khmer, Peso Sign, Square Root, Property Line and German Penny Symbol

Rationale:
1. Removing the provision for private use groups and planes beyond plane 16 makes UTF-8 and UTF-16 interoperable.

2. Repertoire additions are based on requests from national body and other experts in WG2 to meet their user community requirements.

Target dates: PDAM - 2000-10, FPDAM –2001-04; FDAM 2001-10; AMD 2002-02

SC 2 Approval: SC 2 N 3468

The current POW is available at: http://www.dkug.dk/jtc1/sc2/open/pow.htm