

# Information Technology

## ISO/IEC JTC 1 N6329

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## **Proposed Modifications to Programme of Work of ISO/IEC JTC 1/SC 2**

### **Minor enhancement of ISO/IEC 10646-1: 2000**

**Subproject No.:** JTC 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 haracters 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.dkuug.dk/jtc1/sc2/open/pow.htm>