

**ISO
INTERNATIONAL ORGANIZATION FOR STANDARDIZATION**

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

ISO/IEC JTC1/SC2/WG2 N 1697

Date: March 2, 1998

Title: US contribution for the definition of an updated scope for ISO/IEC 10646 Part 2

Source: USA (ANSI)

Status: US position

Action: For the consideration of WG2

References: ISO/IEC JTC1/SC2/WG2 N1484R, N1670, SC2 N2929

Distribution: ISO/IEC JTC1/SC2/WG2 members

In consideration of document N1670, "Plane 14 Characters for Language Tags", it is necessary to extend the scope of ISO/IEC Part 2 to allow the encoding of the tag characters required by the proposal.

To do so, WG2 needs to endorse an extension of the scope of ISO/IEC 10646 Part 2 covering an additional plane: Plane 14. Once approved, the document can be forwarded for consideration to SC2.

It should be noted that Plane 14 would be used only for non-graphic characters. Furthermore, the usage of the Plane 14 will not impact negatively the target dates for this part of ISO/IEC 10646.

The following pages contain a template of the document to be sent to SC2.

DOC TYPE: Working Group Contribution

TITLE: Scope update for Project JTC 1.02.18.02, ISO/IEC 10646 Part 2.

SOURCE: ISO/IEC JTC 1/SC2/WG2

PROJECT: JTC 1.2.18.02

STATUS: Project scope update

ACTION ID: For approval by SC2 members during the SC2 plenary in March 1998

DUE DATE: --

DISTRIBUTION: P, O And L Members of ISO/IEC JTC 1/SC 2
WG Conveners, Secretariats
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ISO/IEC JTC1/SC2 N

Project Number: JTC 1.02.18.02 (formerly 1.02.18.200)

Title: ISO/IEC 10646 PART 2

Scope:

This new part will specify additional planes allowing the definition of an additional set of graphic characters beyond the Basic Multilingual Plane (BMP) already covered by the part 1. The part will describe three planes, the CJK Unified Ideographs Supplementary Plane (UISP), the General Scripts and Symbols Plane (GSP) and the General Purpose Plane (GPP). The plane descriptions concerning the UISP and GSP will contain the graphic character names, coded representation and informative shapes. Graphic characters already encoded in Part 1 are not to be duplicated in these two new supplementary planes. On the other hand, the GPP plane will only contain non-graphic character names; therefore it will not contain informative shapes.

Purpose & justification:

To add to ISO/IEC 10646 characters from the following categories: Specialized, Major Extinct, Attested Extinct, Minor Extinct, Archaic Hieroglyphic or Ideographic as specified by “the Principles and Procedures for Allocation of new Characters and Scripts and handling of Defect Reports on Character Names” (document SC2/WG2 N 1502R). Two repertoires have been already accepted for inclusion in the GSP by WG2: the Deseret Alphabet and the Greek Byzantine Musical Signs. The General Purpose Plane is designed to contain only non-graphic characters. Its first planned usage is the inclusion of tag characters. Tagging can be described as the association of attributes of text with a point or range of the primary text.

Relevant documents:

ISO/IEC JTC1/SC2/WG2 N 1484R, N 1502, 1503, 1504, 1604,1670
ISO/IEC JTC1/SC2 N2929

Cooperation & liaison:

IRG, Unicode Consortium, and other interested liaison organizations.

Target dates:

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|--------------------------|---------|
| First CD for SC2 ballot: | 11/1998 |
| Final CD for SC2 ballot | 11/1999 |
| DIS for JTC1 ballot: | 05/2000 |
| IS published: | 12/2000 |