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<b>Universal Multiple-Octet Coded Character Set (UCS)</b>
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ISO/IEC JTC 1/SC 2/WG 2 N1604

Date: 1997-07-04

<b>Source:</b> WG 2 meeting 33, Heraklion, Crete, Greece; 1997-06-30/07-04 <b>Title:</b> Resolutions of WG 2 meeting 33 <b>Action:</b> To be considered by SC 2 and for information to WG 2 <b>Status:</b> Adopted at meeting 33 of WG 2 <b>Distribution:</b> ISO/IEC JTC 1/SC 2 and SC 2/WG 2
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The following 23 national bodies, 9 liaison organizations and 1 observer, were represented when the following resolutions were discussed and adopted:

Armenia, Austria, Canada, China, Denmark, Egypt, Finland, Germany, Greece, Iceland, Ireland, Israel, Japan, Korea, Netherlands, Norway, Romania, Sri Lanka, Sweden, Turkey, UK, USA, and Vietnam; ISO TC 46/SC 2, the Unicode Consortium, CEN/TC 304, JTC 1/SC 18/WG9, ITU-T SG8, GSE, ISO TC 173, GSE, SC 22/WG20, and SC22.

**RESOLUTION M33.1 (DAM 5 - Korean Hangul):***Unanimous*

WG 2 accepts the disposition of comments in document N1561, and the final text in N1570 with the following correction:

Collection "71 HANGUL EXTENDED"  
should be "71 HANGUL SYLLABLES", on page 2,

And instructs its editor to forward them by September 1997 to SC2 secretariat for further processing.

**RESOLUTION M33.2 (DAM-6 Tibetan):***Unanimous*

WG 2 accepts the disposition of comments in document N1562, and the final text in N1571, and instructs its editor to forward them to SC2 secretariat in July 1997 for further processing.

**RESOLUTION M33.3 (DAM-7 - Additional 33 characters):***Unanimous*

WG 2 accepts the disposition of comments in document N1563, and the final text in N1572 including the additional information on Hebrew character names in Annex P, and instructs its editor to forward them to SC2 secretariat in July 1997 for further processing.

**RESOLUTION M33.4 (5-year review of 10646):***Unanimous*

With reference to the Question from ITTF on the Five-Year Review of ISO/IEC 10646-1:1993, WG 2 recommends to SC 2 that a revision of 10646-1:1993 consolidating all corrigenda and amendments approved by 1999-03-31, be undertaken rather than a reconfirmation.

**RESOLUTION M33.5 (Electronic documents within WG 2):***Unanimous*

WG 2 confirms that it will continue to use paper copies for document distribution. However, it encourages its members to additionally provide the convener with electronic copies for possible postings to the WG 2 web site. WG 2 adopts the set of guidelines in document N 1615 for this purpose.

**RESOLUTION M33.6 (FPDAM-10 - Ethiopic script):***Unanimous*

WG 2 accepts the disposition of ballot comments in document N1614, and instructs its editor, with the assistance of the Unicode Consortium (Dr. Glenn Adams), to prepare the final disposition of comments and text for DAM-10 on Ethiopic script and forward these to SC2 secretariat for further processing by October 1997, with the target date of April 1998 for the AM-10 text.

**RESOLUTION M33.7 (FPDAM-11 - Canadian Syllabics script):** *Netherlands Abstained*  
WG 2 instructs its editor, with assistance from Ireland (Mr. Michael Everson), to prepare the disposition of comments on the ballot of PDAM-11, prepare the text for DAM-11, and forward these to SC2 secretariat for further processing, by October 1997, with the target date of April 1998 for the AM-11 text taking into account the following agreements:

Harmonize use of the name - UNIFIED CANADIAN ABORIGINAL SYLLABICS.  
Correct the shapes for code positions 14FF and 1512.

**RESOLUTION M33.8 (FPDAM-12 - Cherokee script):** *Netherlands Abstained*  
WG 2 instructs its editor, with assistance from Ireland (Mr. Michael Everson), to prepare the disposition of comments on the ballot of PDAM-12, prepare the text for DAM-12, and forward these to SC2 secretariat for further processing, by October 1997, with the target date of April 1998 for the AM-12 text. taking into account the following agreement:

Move up the proposed code positions by one removing the empty position at position 13A0.

**RESOLUTION M33.9 (PDTR 15285 - Character Glyph Model):** *China Abstained*  
WG 2 instructs its editors to prepare the disposition of comments on the ballot of PDTR 15285, prepare the text for DTR 15285, and forward these to SC2 secretariat for further processing, taking into account the comments received on the proposed disposition of comments in document N1586 and the proposed DTR text in document N1587 at WG 2 meeting 33, in July 1997, with the target date of May 1998 for the final TR text.

**RESOLUTION M33.10 (DCOR - Collection Identifiers):** *Unanimous*  
WG 2 instructs its editor to prepare a draft technical corrigendum (DCOR) to ISO/IEC 10646-1:1993, and forward it to SC2 secretariat by October 1997 for further processing, with the target date of May 1998 for the final COR text, based on document N1556 taking into account comments received at WG 2 meeting 33.

**RESOLUTION M33.11 (Block Assignment Guideline):** *Unanimous*  
WG 2 accepts the request to add Block Assignment Guideline (see document N1583 - item 72.18) with the qualification that the high frequency occurrence criterion be used when no other overriding criterion exists. WG 2 further instructs the ad hoc group on principles and procedures to update the standing document on Principles and Procedures accordingly.

**RESOLUTION M33.12 (Empty 00 position in a block):** *Unanimous*  
WG 2 emphasizes that proposals for code allocations should not leave position 00 unassigned in each block unless there are compelling documented reasons for doing so. WG 2 further instructs the ad hoc group on principles and procedures to update the standing document on Principles and Procedures accordingly.

**RESOLUTION M33.13 (Greek Byzantine Musical signs):** *Unanimous*  
WG 2 accepts the repertoire of 246 Greek Byzantine Musical signs proposed in document N1582 (based on documents N1208 and N1375) with the following changes:  
a. combining characters are to be shown in the code tables with dotted circles  
b. provisional code positions will be in plane 1 starting at D000.

This repertoire will be held in a collection of characters to be encoded in the future part 2 of ISO/IEC 10646.

**RESOLUTION M33.14 (FPDAM-16 - Braille patterns):**

***Unanimous***

WG 2 accepts 256 characters, their names and their shapes in the report of the ad hoc group on Braille patterns in document N 1612, with code positions in the range 2800 to 28FF in the BMP. WG 2 further instructs its editor to create FPDAM text, with assistance from Ireland (Mr. Michael Everson), based on document N 1624, and forward these to SC2 secretariat for further processing by September 1997, with target date of May 1998 for DAM-16 text and October 1998 for the final AM-16 text.

**RESOLUTION M33.15 (Runic script):**

***Turkey, Ireland, Netherland abstained***

WG 2 accepts the repertoire of 81 characters for Runic script, their shapes and their names proposed in document N1542 for encoding in the range 16A0 through 16FF in the BMP. The shapes are to be changed to look like those in document N1330, using fonts to be provided by Sweden by 15 October 1997. WG 2 further instructs its editor to create a new sub division proposal, registration request and FPDAM text, with assistance from Sweden and Ireland (Mr. Michael Everson), and forward these to SC2 secretariat for further processing.

**RESOLUTION M33.16 (Ogham script):**

***Netherland abstained***

WG 2 accepts the repertoire of 29 characters for Ogham script, their shapes and their names proposed in document N1610 for encoding in the range 1680 through 169F in the BMP. WG 2 further instructs its editor to create a sub division proposal, registration request and FPDAM text, with assistance from Ireland (Mr. Michael Everson), and forward these to SC2 secretariat for further processing.

**RESOLUTION M33.17 (Sinhala script):**

***Unanimous***

WG 2 accepts 80 characters, their shapes, and their names in the report of the ad hoc group on Sinhala script in document N 1613, and assigns them to code positions in the range 0D80 to 0DFF in the BMP. WG 2 further instructs its editor to create a new sub division item proposal, registration request and FPDAM text, with assistance from Unicode Consortium (Dr. Glenn Adams), based on document N 1613, and forward these to SC2 secretariat for further processing.

**RESOLUTION M33.18 (Yi script and Yi radicals):**

***Unanimous***

WG 2 accepts:

1165 characters, their shapes and names in document N 1608 for the Yi script, and their assignment to code positions in the range A000 to A48C in the BMP,

and

57 characters (**Note: 18 more than in resolution M32.8**), their shapes and names in document N 1611 for the Yi radicals, and their assignment to code positions in the range A490 to A4C8 in the BMP.

WG 2 further instructs its editor to create PDAM text, with assistance from Ireland (Mr. Michael Everson) and China (Mr. Mao Yong Gang), based on documents N 1608 and N 1611, and forward these to SC2 secretariat for further processing.

**RESOLUTION M33.19 (Policy on PU zone):**

***Unanimous***

WG 2 emphasizes that no technical contributions regarding usage of Private Use zones in the standard will be entertained by WG 2.

**RESOLUTION M33.20 (Keyboard Decimal Separator symbol):**

***Unanimous***

With reference to document N1548, WG 2 accepts the proposed symbol for 'decimal point marker' requested by SC 18/WG9 for encoding in ISO/IEC 10646-1 with the provisional name BLACK NARROW UPPER LEFT TRIANGLE, at code position 2396 in the BMP, and with the shape as shown in document N 1625.

See resolution M33.27 for further processing.

**RESOLUTION M33.21 (Medieval English characters):** *Netherland Negative.*

WG 2 accepts the four additional characters for Medieval English, the shapes and their names proposed in document N1547 for encoding in the BMP as follows:

01F6 LATIN CAPITAL LETTER HWAIR  
01F7 LATIN CAPITAL LETTER WYNN  
021C LATIN CAPITAL LETTER YOGH  
021D LATIN SMALL LETTER YOGH

See resolution M33.26 for further processing.

**RESOLUTION M33.22 (Armenian Hyphen):** *Unanimous*

WG 2 accepts one additional character for Armenian - its name, its shape and its code position in the BMP, in accordance with the report of the ad hoc group on Armenian in document N 1616, as follows:

058A ARMENIAN HYPHEN

See resolution M33.26 for further processing.

**RESOLUTION M33.23 (Euro sign):** *Unanimous*

WG 2 accepts the character EURO SIGN, and its shape to be encoded in position 20AC in the BMP, in accordance with document N 1566.

See resolution M33.26 for further processing.

**RESOLUTION M33.24 (4 Latin characters):**

*Netherland Negative.*

WG 2 accepts the following four Latin characters (requested by Romania), their names and shapes to be encoded in the BMP as follows:

0218 LATIN CAPITAL LETTER S WITH COMMA BELOW  
0219 LATIN SMALL LETTER S WITH COMMA BELOW  
021A LATIN CAPITAL LETTER T WITH COMMA BELOW  
021B LATIN SMALL LETTER T WITH COMMA BELOW

in accordance with document N1361.

See resolution M33.26 for further processing.

**RESOLUTION M33.25 (9 additional Arabic characters):** *Unanimous*

WG 2 accepts the 9 additional Arabic characters (chiefly from ISO 11822), their names and shapes and their proposed code positions in the BMP as proposed in document N 1573.

See resolution M33.26 for further processing.

**RESOLUTION M33.26 (FPDAM on Symbols and other collections):** *Unanimous*

WG 2 instructs its editor to prepare a sub division proposal, registration proposal and FPDAM text and forward them to SC 2 secretariat for simultaneous processing, containing the set of characters in document N 1626 (extracted from document N1564), and the characters accepted in resolutions M33.21, M33.22, M33.23, M33.24 and M33.25 above.

**RESOLUTION M33.27 (PDAM on Keyboard symbols):** *Unanimous*



WG 2 instructs its editor to prepare a work item proposal, registration proposal and PDAM text and forward them to SC 2 secretariat for simultaneous processing, containing the set of keyboard symbols in document N 1625 (extracted from document N1564) and the character accepted in resolution M33.20 above.

**RESOLUTION M33.28 (General Variation Mark):** ***Unanimous***  
WG2 resolves that the GENERAL VARIATION MARK in document N 1564 will be further processed, once further clarification regarding its semantic and use is received from IRG.

**RESOLUTION M33.29 (IRG - NPs):** ***Unanimous***  
In accordance with IRG#9 resolutions 4 and 7 in document N 1591, WG 2 instructs IRG to prepare new sub division proposals for the following projects:  
CJK Ideographs for Plane 2  
Ideograph Structure Characters and Ideograph Component Supplement  
and submit them to WG 2 for consideration at its next meeting.

**RESOLUTION M33.30 (IRG Administrative):** ***Unanimous***  
WG 2 approves the following resolutions from IRG#9:  
#6. Extension of the term of Mr. Zhang Zhoucai as rapporteur till meeting IRG#10  
#7. IRG Meeting 10 to be held in Ho-Chi Minh City, Vietnam, 1997-12-15--19.

**RESOLUTION M33.31 (Sub-repertoire identification):** ***UK Negative***  
WG 2 strongly recommends to SC 2 that only Annex A on Collection Identifiers of ISO/IEC 10646-1 should be used to identify any sub-repertoire of 10646, and requests SC 2 to advise all concerned parties to forward such requests to include collections to WG 2.

**RESOLUTION M33.32 (Future meetings):** ***Unanimous***  
WG 2 confirms the following future meeting schedule:  
Meeting 34: 16--20 March 1998, Seattle, WA, USA; Host: USA.  
Meeting 35: 21--25 September 1998, UK - Host: BSI  
Meeting 36: 15--19 March 1999, Beijing, China  
Meeting 37: September 1999 -- Open for Invitation.

**RESOLUTION M33.33 (Appreciation to the host):** ***by Acclamation***  
WG 2 thanks its host ELOT, the Hellenic Organization for Standardization, and their staff, especially Mr. Evangelos Melagrakis, for hosting the meeting, providing excellent secretarial and administrative support and for their outstanding hospitality.

===== END OF RESOLUTIONS =====