

**Universal Multiple-Octet Coded Character Set  
(UCS)**

**ISO/IEC JTC 1/SC 2 N \_\_\_\_\_**  
**ISO/IEC JTC 1/SC 2/WG 2 N 2904**  
**Date: 2005-01-28**

<b>Source:</b> WG 2 meeting 46, Xiamen, Fujian, China; 2005-01-24/28
<b>Title:</b> Resolutions of WG 2 meeting 46
<b>Action:</b> For approval by SC 2 and for information to WG 2
<b>Status:</b> Adopted at meeting 45 of WG 2
<b>Distribution:</b> ISO/IEC JTC 1/SC 2 and WG 2

Experts from Canada, China, Ireland, Japan, Korea (Republic of), Mongolia, Poland, the Unicode Consortium (Liaison) and the USA were present when the following resolutions were adopted. Experts representing Myanmar and invited experts from UK and USA, also participated in the meeting (see attached attendance list).

**RESOLUTION M46.1 (Defect in Annex E.2):**

**Unanimous**

With reference to the potential defect in Annex E.2 (reported in document N2877), WG2 instructs its editor to:

- a. Remove the current list of characters listed in the annex, and,
- b. Provide suitable explanatory text explaining the precautions to be taken regarding mirroring of glyphs when a script may be rendered in either left to right or right to left direction,

for inclusion in Amendment 1 to ISO/IEC 10646: 2003.

**RESOLUTION M46.2 (Defect in glyph for Y with Hook):**

**Unanimous**

With reference to the defect in the glyph for 01B3 LATIN CAPITAL LETTER Y WITH HOOK (reported in document N2859), WG2 instructs the editor to change the glyph to Y with the hook on the right, and include this correction in Amendment 1 to ISO/IEC 10646: 2003.

**RESOLUTION M46.3 (Discrepancy between names and glyphs for some arrows):**

**Unanimous**

With reference to the discrepancy between glyphs and character names for four arrows (reported in document N2868), WG2 instructs its editor to correct the glyphs by swapping the glyph for 2B00 with the glyph for 2B01, and the glyph for 2B08 with the glyph for 2B09, and include this correction in Amendment 1 to ISO/IEC 10646: 2003.

**RESOLUTION M46.4 (Defect in glyphs for four KangXi radicals):**

**Unanimous**

With reference to the defect on four KangXi radicals (reported in documents N2882 and N2659), WG2 instructs the editor to use the appropriate font in preparing the charts showing the glyphs for U+2F35, U+2F61, U+2F71 and U+2FCD, and include this correction in Amendment 1 to ISO/IEC 10646: 2003.

**RESOLUTION M46.5 (Tifinagh – changes in Amendment 1):**

**Unanimous**

With reference to document N2862 and ballot comments in document N2879 from several national bodies on Tifinagh script, WG2 resolves to make the following changes:

- a. 2D34 is renamed from TIFINAGH LETTER YAGGH to TIFINAGH LETTER YAGHH
- b. 2D35 is renamed from TIFINAGH LETTER KABYLE YAJ to TIFINAGH LETTER BERBER ACADEMY YAJ
- c. 2D3F is renamed from TIFINAGH LETTER YAKKH to TIFINAGH LETTER YAKHH
- d. 2D41 is renamed from TIFINAGH LETTER KABYLE YAH to TIFINAGH LETTER BERBER ACADEMY YAH
- e. 2D46 TIFINAGH LETTER TUAREG YAKH – remove parenthetical annotation
- f. 2D53 add annotation to read TIFINAGH LETTER YU (Tuareg yaw)
- g. 2D58 TIFINAGH LETTER AYER YAGH (Adrar yaj)– remove 'staggered five-points' in the parenthetical annotation

- h. 2D6F is renamed from TIFINAGH MODIFIER LETTER LABIALIZATION to TIFINAGH MODIFIER LETTER LABIALIZATION MARK (tamartart).

**RESOLUTION M46.6 (Other changes in Amendment 1):**

**Unanimous**

In response to FPDAM1 ballot responses in document N2881 WG2 resolves to make the following changes:

- a. 19DE NEW TAI LUE SIGN LE is renamed to NEW TAI LUE SIGN LAE  
19DF NEW TAI LUE SIGN LEW is renamed to NEW TAI LUE SIGN LAEV
- b. HEBREW POINT QAMATS QATAN is moved from 05BA to 05C7
- c. Accept a new format for documenting collections to permit inclusion of additional usage information in the IICORE collection; the principle and procedures document is to be updated to capture this additional format for collections
- d. CJK BASIC STROKES is changed to CJK STROKES in the block name, collection name and character names associated with code positions 31C0 to 31CF; along with:  
31C3 CJK BASIC STROKE XG-2 is renamed to CJK STROKE BXG  
31C4 CJK BASIC STROKE SZ is renamed to CJK STROKE SW  
31C9 CJK BASIC STROKE SZZG is changed to CJK STROKE SZWG
- e. The set of HKSCS-2004 source references is expanded to 123 from the current 42 in line with the Approval HKSCS 2004 (which is in the process of being published) set from HKSAR
- f. Missing source reference information for JIS X 0213-2000 / 2004 will be added to complete the set
- g. 1015A GREEK ACROPHONIC HERMIONE ONE is renamed to GREEK ACROPHONIC HERMIONIAN ONE.

**RESOLUTION M46.7 (Annex P text for HKSCS characters):**

**Unanimous**

WG2 accepts in principle the proposed clarification text regarding HKSCS CJK Ideographs 9FB9, 9FBA and 9FBB in document N2925, and instructs its editor to prepare and include appropriate text in Annex P. WG2 further accepts to include this text in Amendment 1 to ISO/IEC 10646: 2003.

**RESOLUTION M46.8 (Disposition of FPDAM1 ballot comments):**

**Unanimous**

With reference to the FPDAM1 ballot comments in document N2879 and their proposed dispositions in document N2881, and based on the discussion at the meeting, WG2 accepts the final disposition of comments in document N2926, which includes the responses to ballot comments having corresponding additional documentation or defect reports, some of which are captured in individual resolutions in this document.

**RESOLUTION M46.9 (Progression of Amendment 1):**

**Unanimous**

WG2 instructs its editor to prepare the FDAM text based on the disposition of comments in document N2926 and other resolutions from this meeting for additional text for inclusion in Amendment 1 to ISO/IEC 10646: 2003, and forward to SC2 secretariat for FDAM processing, with unchanged schedule.  
(Note: the total number of characters in FDAM1 remains unchanged from FPDAM1 at **1273**.)

**RESOLUTION M46.10 (Characters in identifiers):**

**Unanimous**

WG2 accepts the proposal for an informative annex on 'Characters in Identifiers' in document N2895, and instructs its editor to prepare appropriate text and include it in Amendment 2 to ISO/IEC 10646: 2003. Further, SC2 secretariat is requested to forward document N2895 to SC22.

**RESOLUTION M46.11 (Block names and Annex L revision):****Abstention:** Korea (Republic of)**Approval:** Canada, China, Ireland, Japan, Mongolia, Poland and the USA

WG2 accepts the recommendations in document N2919 on adding rules for naming of blocks, collections and named UCS Sequence Identifiers in Annex L and changing the status of Annex L to be Normative.

WG2 further instructs its editor to prepare appropriate revised text, including separating the informative and normative portions, for inclusion in Amendment 2 to ISO/IEC 10646: 2003.

**RESOLUTION M46.12 (17-plane restriction):****Abstention:** Japan**Approval:** Canada, China, Ireland, Korea (Republic of), Mongolia, Poland and the USA

WG2 accepts in principle the recommendation to permanently reserve all code positions beyond Plane 16 from document N2920 and instructs its editor to prepare appropriate text and include it in Amendment 2 to ISO/IEC 10646: 2003.

**RESOLUTION M46.13 (Named USIs):****Abstention:** Korea (Republic of)**Approval:** Canada, China, Ireland, Japan, Mongolia, Poland and the USA

WG2 accepts in principle the recommendations in document N2921 for a new normative clause and relevant naming rules for named UCS Sequence Identifiers, and instructs its editor to prepare appropriate text and a set of named UCS Sequence Identifiers that have been accepted to date, and include these in Amendment 2 to ISO/IEC 10646: 2003.

**RESOLUTION M46.14 (Phags-pa – changes):****Unanimous**

With reference to changes requested to Phags-pa encoding in PDAM 2 ballot comments from China in document N2876, and the details given in documents N2869, N2870, N2871 and N2912, WG2 accepts the ad hoc group recommendations in document N2922. The following are the main changes:

- a. The following four new characters are added:  
 PHAGS-PA LETTER ALTERNATE YA  
 PHAGS-PA LETTER VOICELESS SHA  
 PHAGS-PA LETTER VOICED HA  
 PHAGS-PA LETTER ASPIRATED FA,  
 extending the range of assigned code positions to A877.
- b. U+A85A PHAGS-PA LETTER –A is renamed to PHAGS-PA LETTER SMALL A
- c. The entire range A840 to A877 including the above additions is re-ordered based on ordering in document N2870; the new order, glyphs and names are shown in the consolidated charts in document N2924.
- d. Add the following six variation-selector-sequences:  

<A856, FE00>	Phags-pa letter reversed shaping small a
<A85C, FE00>	Phags-pa letter reversed shaping ha
<A85E, FE00>	Phags-pa letter reversed shaping i
<A85F, FE00>	Phags-pa letter reversed shaping u
<A860, FE00>	Phags-pa letter reversed shaping e
<A868, FE00>	Phags-pa letter reversed shaping subjoined ya

 (Note: these variation-selector sequences do not select absolute glyph forms; rather, they select a form that is reversed from the normal form predicted by the preceding letter.)

**RESOLUTION M46.15 (Additional Kannada characters):****Unanimous**

WG2 resolves to add the following four Kannada characters to the Kannada block to Amendment 2 to ISO/IEC 10646: 2003, with their glyphs from document N2860:

0CE2 KANNADA VOWEL SIGN VOCALIC L  
 0CE3 KANNADA VOWEL SIGN VOCALIC LL  
 0CF1 KANNADA SIGN JIHVAMULIYA  
 0CF2 KANNADA SIGN UPADHMANIYA

#### **RESOLUTION M46.16 (Mathematical horizontal brackets):**

**Unanimous**

WG2 resolves to add the following five Miscellaneous Technical Symbols to Amendment 2 to ISO/IEC 10646: 2003, with their glyphs from document N2842:

23DC	TOP PARENTHESIS (for mathematical formulas)
23DD	BOTTOM PARENTHESIS (for mathematical formulas)
23DE	TOP CURLY BRACKET (for mathematical formulas)
23DF	BOTTOM CURLY BRACKET (for mathematical formulas)
23E0	TOP TORTOISE SHELL BRACKET (for mathematical formulas)

#### **RESOLUTION M46.17 (Counting Rod Numerals):**

**Unanimous**

WG2 resolves to create a new block 1D360-1D37F named 'Counting Rod Numerals' and populate it with the following eighteen Counting Rod Numerals, with their glyphs from document N2816, and include it in Amendment 2 to ISO/IEC 10646: 2003:

1D360	COUNTING ROD UNIT DIGIT ONE
1D361	COUNTING ROD UNIT DIGIT TWO
1D362	COUNTING ROD UNIT DIGIT THREE
1D363	COUNTING ROD UNIT DIGIT FOUR
1D364	COUNTING ROD UNIT DIGIT FIVE
1D365	COUNTING ROD UNIT DIGIT SIX
1D366	COUNTING ROD UNIT DIGIT SEVEN
1D367	COUNTING ROD UNIT DIGIT EIGHT
1D368	COUNTING ROD UNIT DIGIT NINE
1D369	COUNTING ROD TENS DIGIT ONE
1D36A	COUNTING ROD TENS DIGIT TWO
1D36B	COUNTING ROD TENS DIGIT THREE
1D36C	COUNTING ROD TENS DIGIT FOUR
1D36D	COUNTING ROD TENS DIGIT FIVE
1D36E	COUNTING ROD TENS DIGIT SIX
1D36F	COUNTING ROD TENS DIGIT SEVEN
1D370	COUNTING ROD TENS DIGIT EIGHT
1D371	COUNTING ROD TENS DIGIT NINE

#### **RESOLUTION M46.18 (26 additional Mathematical characters):**

**Unanimous**

WG2 resolves to add the following twenty-six mathematical characters with their glyphs from document N2874, with assignments in different blocks, in Amendment 2 to ISO/IEC 10646: 2003:

4 in Combining Diacritical Marks for Symbols:

20EC	COMBINING RIGHTWARDS HARPOON WITH BARB DOWNWARDS
20ED	COMBINING LEFTWARDS HARPOON WITH BARB DOWNWARDS
20EE	COMBINING LEFT ARROW BELOW
20EF	COMBINING RIGHT ARROW BELOW

(these are combining characters)

6 in Miscellaneous Technical:

23E1	ELECTRICAL INTERSECTION
23E2	WHITE TRAPEZIUM
23E3	BENZENE RING WITH CIRCLE
23E4	STRAIGHTNESS
23E5	FLATNESS
23E6	AC CURRENT

1 in Miscellaneous Symbols:

26B2	NEUTER
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3 in Miscellaneous Mathematical Symbols-A

27C7	OR WITH DOT INSIDE
27C8	REVERSE SOLIDUS PRECEDING SUBSET

- 27C9 SUPERSET PRECEDING SOLIDUS
- 10 in Miscellaneous Symbols and Arrows:
- 2B14 SQUARE WITH UPPER RIGHT DIAGONAL HALF BLACK
  - 2B15 SQUARE WITH LOWER LEFT DIAGONAL HALF BLACK
  - 2B16 DIAMOND WITH LEFT HALF BLACK
  - 2B17 DIAMOND WITH RIGHT HALF BLACK
  - 2B18 DIAMOND WITH TOP HALF BLACK
  - 2B19 DIAMOND WITH BOTTOM HALF BLACK
  - 2B20 WHITE PENTAGON
  - 2B21 WHITE HEXAGON
  - 2B22 BLACK HEXAGON
  - 2B23 HORIZONTAL BLACK HEXAGON

and,

2 in Mathematical Alphanumeric Symbols:

- 1D7CA MATHEMATICAL BOLD CAPITAL DIGAMMA
- 1D7CB MATHEMATICAL BOLD SMALL DIGAMMA

#### **RESOLUTION M46.19 (Latin phonetic and orthographic characters):**

**Unanimous**

With reference to document N2906, WG2 resolves to add to Amendment 2 to ISO/IEC 10646: 2003:

- a. the following 14 Latin characters in the Latin Extended-B block, with their glyphs as shown on page 3, right hand column in document N2906:

- 0242 LATIN CAPITAL LETTER B WITH STROKE
- 0243 LATIN CAPITAL LETTER U BAR
- 0244 LATIN CAPITAL LETTER TURNED V
- 0245 LATIN CAPITAL LETTER E WITH STROKE
- 0246 LATIN SMALL LETTER E WITH STROKE
- 0247 LATIN CAPITAL LETTER J WITH STROKE
- 0248 LATIN SMALL LETTER J WITH STROKE
- 0249 LATIN CAPITAL LETTER SMALL Q WITH HOOK TAIL
- 024A LATIN SMALL LETTER Q WITH HOOK TAIL
- 024B LATIN CAPITAL LETTER R WITH STROKE
- 024C LATIN SMALL LETTER R WITH STROKE
- 024D LATIN CAPITAL LETTER Y WITH STROKE
- 024E LATIN SMALL LETTER Y WITH STROKE
- 024F LATIN SMALL LETTER V WITH CURL

(The above makes the Latin Extended-B collection a 'fixed collection'),  
and,

- b. the following seven combining characters in the Combining Diacritical Marks Supplement block, with their glyphs as shown on page 3, left hand column, in document N2906:

- 1DC4 COMBINING MACRON-ACUTE
- 1DC5 COMBINING GRAVE-MACRON
- 1DC6 COMBINING MACRON-GRAVE
- 1DC7 COMBINING ACUTE-MACRON
- 1DC8 COMBINING GRAVE-ACUTE-GRAVE
- 1DC9 COMBINING ACUTE-GRAVE-ACUTE
- 1DCA COMBINING LATIN SMALL LETTER R BELOW

#### **RESOLUTION M46.20 (More Latin phonetic and orthographic characters):**

**Unanimous**

WG2 resolves to create a new Latin Extended-C block and corresponding collection at the range 2C60-2C7F and populate it with the following five characters as proposed in document N2847, in Amendment 2 to ISO/IEC 10646: 2003:

- 2C60 LATIN CAPITAL LETTER L WITH DOUBLE BAR
- 2C61 LATIN SMALL LETTER L WITH DOUBLE BAR
- 2C62 LATIN CAPITAL LETTER L WITH MIDDLE TILDE
- 2C63 LATIN CAPITAL LETTER P WITH STROKE
- 2C64 LATIN CAPITAL LETTER R WITH TAIL

#### **RESOLUTION M46.21 (Modifier Tone Letters):**

**Unanimous**

WG2 resolves to add the following four Modifier Tone Letters with their glyphs from document N2883, in Amendment 2:

- A717 MODIFIER LETTER DOT VERTICAL BAR
  - A718 MODIFIER LETTER DOT SLASH
  - A719 MODIFIER LETTER DOT HORIZONTAL BAR
  - A71A MODIFIER LETTER LOWER RIGHT CORNER ANGLE
- (these characters are NOT combining)

#### **RESOLUTION M46.22 (Miscellaneous new characters for Amendment 2):**

**Unanimous**

WG2 resolves to add the following new characters in Amendment 2 to ISO/IEC 10646: 2003:

- a. 05BA HEBREW POINT HOLAM HASER FOR VAV with glyph from document N2840, and
- b. 214D AKTIESELSKAB with its glyph similar to glyph number 3 for A/S on page 3 in document N2889.

#### **RESOLUTION M46.23 (Balinese script):**

**Unanimous**

WG2 resolves to encode the Balinese script proposed in document N2908 in a new block 1B00 – 1B7F named ‘Balinese’, and populate it with 121 characters (some of which are combining) with names, glyphs and code position assignments as shown on pages 10 and 11 in document N2908. Further WG2 accepts to include it in Amendment 2 to ISO/IEC 10646: 2003.

#### **RESOLUTION M46.24 (Disposition of PDAM2 ballot comments):**

**Abstention:** Canada

**Approval:** China, Ireland, Japan, Korea (Republic of), Mongolia, Poland and the USA

With reference to the PDAM2 ballot comments in document N2876 and their proposed dispositions in document N2880, and based on the discussion at the meeting, WG2 accepts the final disposition of comments in document N2927, which includes the responses to ballot comments having corresponding proposals for new scripts or characters, several of which are captured in individual resolutions in this document.

#### **RESOLUTION M46.25 (Progression of Amendment 2):**

**Abstention:** Canada

**Approval:** China, Ireland, Japan, Korea (Republic of), Mongolia, Poland and the USA

WG2 instructs its editor to prepare the FPDAM2 text based on the disposition of comments in document N2927 and the various resolutions from this meeting for additional text, characters or scripts for inclusion in Amendment 2 to ISO/IEC 10646: 2003, and forward to SC2 secretariat for FPDAM processing, with unchanged schedule. *(Note: 210 new characters are added, none removed, raising the total from 1125 to 1335 characters in Amendment 2.)*

#### **RESOLUTION M46.26 (Hangul transliteration rules):**

**Unanimous**

WG2 notes the input on Hangul transliteration rules from ISO TR11941: 1996 in document N2918, which have been used to arrive at the names for Hangul characters in ISO/IEC 10646: 2003 and invites all national bodies and liaison organizations to take note.

#### **RESOLUTION M46.27 (Principles and procedures):**

**Unanimous**

WG2 accepts the updates to its principles and procedures as presented in document N2902 and instructs its convener to post the updated document and the proposal summary form to the WG2 web site.

#### **RESOLUTION M46.28 (Roadmap snapshot):**

**Unanimous**

WG2 accepts the updated snapshot of the roadmaps in document N2894 and instructs its convener to post the updated document to the WG2 web site.

**RESOLUTION M46.29 (Myanmar extensions):****Unanimous**

With reference to proposed additions to Myanmar script in documents N2768 and N2827, WG2 invites national bodies and liaison organizations to provide feedback to the authors by 2005-07-31, and invites Myanmar national body to prepare revised proposals based on input received at meeting 46 and any other feedback.

**RESOLUTION M46.30 (Additional characters for Uighur, Kazakh and Kirghiz):****Unanimous**

With reference to proposed additions to the Arabic script in document N2897 to support Uighur, Kazakh and Kirghiz, WG2 invites China to take into account the ad hoc discussions during meeting 46, and provide the requested clarification on rendering rules.

**RESOLUTION M46.31 (New target for CJK Extension C1 work):****Unanimous**

With reference to item 2 in document N2917, WG2 approves the extension of the target completion date for CJK Extension C1 to the end of 2005.

**RESOLUTION M46.32 (Ballot comment from Israel):****Unanimous**

With reference to the input and request to delete all Hebrew related proposals from Amendment 1 from Israel, WG2 appreciates the input but cannot accommodate the request for the following reasons:

- Although the Hebrew additions were submitted in several documents, the bulk of the proposal is in Amendment 1 with a minor addition in Amendment 2. So the changes are processed in a manner which is already as less disruptive as possible.
- The additions are not invalidating existing data.
- The Hebrew block is not just covering the need of the Modern Hebrew community, but also the need of the Biblical Hebrew community, which has expressed a strong interest in getting these additions and is awaiting the adoption of these characters. Because the additions do not invalidate Modern Hebrew there is no need to postpone them.

The ISO amendment process is giving all the interested parties, including Israel, sufficient time to provide feedback; therefore it does not seem necessary to postpone further the additions of these characters.

**RESOLUTION M46.33 (Future meetings):****Unanimous**

WG 2 meetings:

- Meeting 47 – 2005-10-10/14 (to be confirmed), ETSI, Sophia Antipolis, France (Host: ECMA)
- Meeting 48 – Spring 2006, Canada (Tentative), backup US; along with SC2 plenary
- Meeting 49 – Fall 2006, Asia (seeking Host)
- Meeting 50 – Spring 2007, Europe (seeking Host)

IRG meeting:

- IRG #24: Japan, 2005-05-23/27
- IRG #25: Mountain View, CA, USA (Unicode Consortium), 2005-12-12/16 (tentative)

**RESOLUTION M46.34 (Appreciation to DKUUG for web services):****By Acclamation**

WG 2 thanks DKUUG, for its continued support of the web site for WG 2 document distribution and the e-mail server.

**RESOLUTION M46.35 (Appreciation to Host):****By Acclamation**

WG 2 thanks the host, the Chinese Electronic Standardization Institute, and in particular Mr. Wang Lijian, Mr. Chen Zhuang, Mr. He Zheng-An, Ms. Zhao Jingua, Ms. Yu Yuntao and Ms. Dai Hong, for hosting the meeting and their kind hospitality.

**Meeting 46 Attendance List**  
**JTC1/SC2/WG2 Meeting 46, Xiamen Fujian, China; 2005-01-24/28**

The following **36** delegates representing **8** national bodies, **1** liaison organization, and **5** guests were present at different times during the meeting.

<b>Name</b>	<b>Representing</b>	<b>Affiliation</b>
Alain LaBonté	Canada Editor 14651	Secrétariat du Conseil du trésor du Québec
V. S. (Uma) Umamaheswaran	Canada; Recording Secretary	IBM Canada Ltd.
Azat Pirdos	China	Bureau of Quality and Technique Supervision, Xinjiang
CHEN Shuangxin	China	Institute of Applied Linguistics, Ministry of Education
He ZHENG-AN	China	China National Information Technology Standardization Technical Committee, CESI
SU Guo Ping	China	Informationization Office of Xinjiang Autonomous Region
WANG Xiaoming	China	Institute of Applied Linguistics, Ministry of Education
Wushouer SLAMU	China	Department of Computer Sciences, Xinjiang University
Yasin IMIN	China	Xinjiang Uighur Autonomous Regional Working Committee of Minorities' Language and Writing
FANG Jun	China	Chinese Electronics Standardization Institute
YANG Yucheng	China	The State Ethnic Affairs Commission
HEXIGEDUREN	China	Council for Mongolian Language, Government of Inner Mongolia, China
CHOIJINZHAB	China	Inner Mongolia University
ZHANG Zaixing	China	East China Normal University
LU Qin	China (HKSAR)	Hong Kong Polytechnic University
CHEN Zhuang	China Contributing Editor, Host	Chinese Electronics Standardization Institute
Kyaw Thein	Guest, Myanmar	Myanmar Unicode and NLP Research Center
Tun Tint	Guest, Myanmar	Myanmar Unicode and NLP Research Center
Andrew West	Guest, UK	Independent
Peter Constable	Guest, USA	Microsoft Corporation
Michael Everson	Ireland; Contributing Editor	Everson Typography
Masahiro SEKIGUCHI	Japan	Fujitsu Limited
Taichi KAWABATA	Japan	Nippon Telegraph and Telephone Corporation
Yasuhiro ANAN	Japan	Microsoft Japan
Dae Hyuk AHN	Korea (Republic of)	Microsoft Korea
Kyongsok KIM	Korea (Republic of)	Pusan National University
Seung Jae LEE	Korea (Republic of)	National Institute of the Korean Language
WangSung YANG	Korea (Republic of)	Haansoft, Inc.
Domiin TUMURTOGOO	Mongolia	Mongolian Agency for Standardization and Metrology
Elżbieta Broma-Wrzesień	Poland	Telekomunikacja Polska, Poland
Tatsuo KOBAYASHI	SC2 Chair, Japan	Justsystem Corporation
Hideki Hiura	USA	Sun Microsystems Inc.
Asmus Freytag	USA Liaison - The Unicode Consortium; Contributing Editor	Unicode Inc.
Ken Whistler	USA; Contributing Editor	Sybase Inc.
Mike Ksar	USA; Convener	Microsoft Corporation
Michel Suignard	USA; Project Editor	Microsoft Corporation