

ISO/IEC JTC 1/SC 2  
CODED CHARACTER SETS  
SECRETARIAT: JAPAN (JISC)

**DOC TYPE:** Resolutions

**TITLE:** Resolutions of the ISO/IEC JTC 1/SC 2/WG 2 meeting 36 held in Fukuoka, Japan, 1999-03-09/15

**SOURCE:** ISO/IEC JTC 1/SC 2/WG 2

**PROJECT:** --

**STATUS:** This document was considered at the 9th plenary meeting of SC 2, Fukuoka, Japan, 1999-03-16.

**ACTION ID:** FYI

**DUE DATE:**

**DISTRIBUTION:** P, O and L Members of ISO/IEC JTC 1/SC 2  
WG Conveners and Secretariats  
Secretariat, ISO/IEC JTC 1  
ISO/IEC ITTF

**NO. OF PAGES:** 8

**ACCESS LEVEL:** Open

**WEB ISSUE #:** 046

Contact: Secretariat ISO/IEC JTC 1/SC 2 - Toshiko KIMURA  
IPJSJ/ITSCJ (Information Processing Society of Japan/Information Technology Standards Commission of Japan)\*  
Room 308-3, Kikai-Shinko-Kaikan Bldg., 3-5-8, Shiba-Koen, Minato-ku, Tokyo 105-0011 JAPAN  
Tel: +81 3 3431 2808; Fax: +81 3 3431 6493; E-mail: kimura@itscj.ipsj.or.jp  
\*A Standard Organization accredited by JISC

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

**ISO/IEC JTC 1/SC 2 N3291  
ISO/IEC JTC 1/SC 2/WG 2 N2004  
Date: 1999-03-15**

<b>Source:</b> WG 2 meeting 35, Fukuoka, Japan; 1999-03-09--15
<b>Title:</b> Resolutions of WG 2 meeting 36
<b>Action:</b> For approval by SC 2 and for information to WG 2 and WG 3
<b>Status:</b> Adopted at meeting 36 of WG 2
<b>Distribution:</b> ISO/IEC JTC 1/SC 2 and WG 2.

Canada, Ireland, Japan, Poland, Sweden, U.K., U.S.A., AFII (Liaison), and the Unicode Consortium (Liaison), were represented when the following resolutions were adopted. **33** delegates representing **8** national bodies, **3** liaison organizations and **12** Guests were present at different times during the five-day meeting (see attached attendance list).

**RESOLUTION M36.1 (FPDAM-14 on Yi syllables and Yi radicals):**

**Unanimous**

WG 2 accepts the ad hoc report in document N1945R on ballot comments on FPDAM-14. WG2 further instructs its project editor to prepare the final disposition of comments and the final text of FDAM-14, based on document N1945R and discussion at meeting 36, with assistance from China and the contributing editor, and forward these documents to SC 2 secretariat for further processing with revised target dates --- FDAM 99-05 and AM 99-08

Note that the disposition of comments includes, as shown in document N1945R:

- Deletion of the 7 character positions – A49F, A4B3, A4B7, A4BD, A4C1, A4C2, A4C3.
- Rearrangement of character code positions in the range from A490 to A4CF

**RESOLUTION M36.2 (FPDAM-22 on Keyboard symbols):**

**Unanimous**

WG 2 accepts the disposition of comments in document N2016 for FPDAM.22, and instructs its project editor to prepare the final text of FDAM-22, with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with unchanged target dates.

**RESOLUTION M36.3 (FPDAM-24 on Thaana script):**

**Unanimous**

WG 2 accepts the disposition of comments in document N2016 for FPDAM.24, and instructs its project editor to prepare the final text of FDAM-24, with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with unchanged target dates.

**RESOLUTION M36.4 (FPDAM-25 on Khmer script):**

**Unanimous**

WG 2 accepts the disposition of comments in document N2016 for FPDAM.25, and instructs its project editor to prepare the final text of FDAM-25, with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with unchanged target dates.

**RESOLUTION M36.5 (FPDAM-26 on Myanmar script):**

**Unanimous**

WG 2 accepts the disposition of comments in document N2016 for FPDAM.26, and instructs its project editor to prepare the final text of FDAM-26, with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with unchanged target dates.

**RESOLUTION M36.6 (FPDAM-27 on Syriac script):**

**Unanimous**

WG 2 notes the ballot responses in document N1986 on FPDAM-27, which contained no comments, and instructs its project editor to prepare the final text of FDAM-27, with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with unchanged target dates.

**RESOLUTION M36.7 (PDAM-15 on Kang Xi and CJK radicals):**

**Unanimous**

WG 2 accepts the disposition of comments on PDAM-15 ballot in document N1965R, and instructs its project editor to prepare the final text of FPDAM-15 with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with the revised target dates: FPDAM – 99-04, FDAM – 99-10, and AM – 00-02.

**RESOLUTION M36.8 (PDAM-28 on Ideographic description characters):**

**Unanimous**

WG 2 accepts the disposition of comments PDAM-28 ballot in document N1965R, and instructs its project editor to prepare the final text of FPDAM-28 with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with the revised target dates: FPDAM – 99-04, FDAM – 99-10, and AM – 00-02.

**RESOLUTION M36.9 (PDAM-29 on Mongolian script):**

**Unanimous**

WG 2 accepts the disposition of comments PDAM-29 ballot in document N1965R, and instructs its project editor to prepare the final text of FPDAM-29 with assistance from China, Mongolia and the contributing editor, and forward these documents to SC 2 secretariat for further processing with the revised target dates: FPDAM – 99-04, FDAM – 99-10, and AM – 00-02.

**RESOLUTION M36.10 (PDAM-30 on Additional Latin and other characters):**

**Unanimous**

WG 2 accepts the disposition of comments PDAM-30 ballot in document N1965R, and the proposed clarification text for Annex D regarding Interlinear Annotation Characters in document N2007, and instructs its project editor to prepare the final text of FPDAM-30 with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with the revised target dates: FPDAM – 99-04, FDAM – 99-10, and AM – 00-02.

Note the disposition of comments includes:

- Deletion of SOFT SPACE at 204F
- Addition from document N1975 of:  
048C CYRILLIC CAPITAL LETTER SEMISOFT SIGN  
048D CYRILLIC SMALL LETTER SEMISOFT SIGN
- Addition from document N1975 and N1946 of:  
20AF DRACHMA SIGN

**RESOLUTION M36.11 (PDAM-31 on Tibetan extensions):**

**Unanimous**

WG 2 accepts the disposition of comments PDAM-31 ballot in document N1965R, and instructs its project editor to prepare the final text of FPDAM-31 with assistance from the contributing editor, and forward these documents to SC 2 secretariat for further processing with the revised target dates: FPDAM – 99-04, FDAM – 99-10, and AM – 00-02.

**RESOLUTION M36.12 (Technical Corrigendum on Hangul names list):**

**Japan Abstained**

WG 2 accepts document N1942 as the basis for addressing defect report in document N1806 on Amendment 6 on Hangul Syllables. WG 2 further instructs its project editor to prepare a technical corrigendum based on document N1942 and discussion at meeting 36 in response to the defect report, and forward it to SC 2 secretariat for further processing, in time for ballot starting before 1999-06-01.

**RESOLUTION M36.13 (Technical Corrigendum on Collection ID for BMP of 2nd edition):**

**Unanimous**

WG 2 accepts the proposed fixed collection identifier in document N1983 (collection 302) for the fixed repertoire of BMP of the second edition of ISO/IEC 10646-1, and instructs its project editor to prepare a technical corrigendum to Annex A, for inclusion with the Technical Corrigendum in resolution on 'Hangul names list' above.

**RESOLUTION M36.14 (Deletion of Annex N in the next edition):**

**Unanimous**

WG 2 notes that all but two of the entries from the informative Annex N – "Scripts under consideration for future editions of ISO/IEC 10646", of part 1 have been processed. WG 2 resolves to delete Annex N from the next edition. WG 2 instructs its project editor to delete Annex N, and add a note capturing the intent of adding new scripts in the future, in the scope of the next edition of the standard, and to process the above as an editorial consolidation of the text for the next edition of ISO/IEC 10646-1.

**RESOLUTION M36.15 (Editorial corrigendum on zones):**

**Unanimous**

WG 2 accepts the Editorial Corrigendum on Zones in document N1934, with modifications based on discussion at meeting 36. WG 2 further instructs its project editor to process the above as an editorial consolidation of the text for the next edition of ISO/IEC 10646-1.

**RESOLUTION M36.16 (Editorial corrigendum on Annex T for CJK Extension A):**

**Unanimous**

WG 2 accepts the proposed revisions for Annex T for CJK Extension A, in document N1943, modified by discussion at meeting 36. WG 2 further instructs its project editor to process the above as an editorial consolidation of the text for the next edition of ISO/IEC 10646-1.

**RESOLUTION M36.17a (Editorial corrigendum on CJK compatibility characters):**

**Unanimous**

WG 2 accepts the proposed annotations in Annex P for the two CJK compatibility ideographs in document N1935. WG 2 further instructs its project editor to process the above as an editorial consolidation of the text for the next edition of ISO/IEC 10646-1.

**RESOLUTION M36.18 (Editorial corrigendum on Banjgeom characters):**

**Japan abstained**

WG 2 accepts the proposed annotations in Annex P for the Banjgeom characters in document N1935. WG 2 further instructs its project editor to process the above as an editorial consolidation of the text for the next edition of ISO/IEC 10646-1.

**RESOLUTION M36.19 (New character bucket M36):**

**Unanimous**

With reference to document N1941, WG 2 accepts the proposed Triangular Overlay character, with the new name COMBINING ENCLOSING UPWARD POINTING TRIANGLE, with its proposed shape, and allocates it the code position 20E4 in the BMP. WG2 instructs its project editor to create a new list of characters accepted for processing beyond the 2nd edition of ISO/IEC 10646-1.

**RESOLUTION M36.20 (Criteria for encoding symbols):**

**Unanimous**

WG 2 accepts the Criteria for Encoding Symbols proposed in document N1982 *in principle* and instructs the ad hoc group on Principles and Procedures to incorporate the material from this document into the WG 2 standing document on Principles and Procedures, document N2002.

**RESOLUTION M36.21 (Feedback to Armenia):**

**Ireland Abstained**

WG2 accepts document N1984 and requests SC 2 to consider it and forward it to the Armenian NB in response to their letter dated 1998-11-16 (in document N1981 – SC2 N3222).

**RESOLUTION M36.22 (WG 2 charter):**

**Sweden Abstained**

WG 2 accepts document N2009 and forwards it to SC2 for consideration and adoption towards improving the SC2 process. WG2 further requests SC 2 to forward it to JTC 1 as an attachment to the SC2 business plan. (as part of response to Resolution 19 of JTC1 resolutions document JTC 1 N5748).

**RESOLUTION M36.23 (WG 2 response to JTC1 resolution on Japanese NB concerns on SC 2):**

**Sweden Abstained**

WG 2 accepts document N2017 and forwards it to SC2 as input into SC2 response to JTC 1 Resolution 19 regarding Japanese National Body's concerns on SC2 activities in JTC1 resolutions document N5748.

**RESOLUTION M36.24 (Approval process for second edition of 10646-1):**

**Unanimous**

WG 2 instructs its convener to forward document N1961, for adoption by SC2 as the approval process for the second edition of 10646-1. WG2 further instructs its editor to prepare the consolidated text of the second edition of 10646-1 (update of N1796), and forward it by 1999-05-31, along with document N1998 (sample of code charts for second edition), to the SC2 secretariat for NB review and comment by 1999-08-31.

**RESOLUTION M36.25 (Request to Unicode consortium to be back up for AFII):**

**Unanimous**

WG 2 requests the Unicode Consortium to act as the backup to AFII, if necessary, for preparing the camera ready copy of the non-Unified CJK glyph charts and list of names of the second edition of ISO/IEC 10646-1 on schedule.

**RESOLUTION M36.26 (2nd WD - 10646 Part 2):**

**Unanimous**

WG 2 accepts document N2012R as the second working draft of ISO/IEC 10646-2, including the following allocation / reallocation of code positions:

- Etruscan script is moved from 10200..1022F to 10300 ...1032F
- Gothic script is moved from 10230 ... 1024F to 10330 ... 1034F
- Deseret script is allocated to the range 10400 ... 1044F

and instructs its project editor to send the document to the SC2 secretariat for circulating for NB comment by 1999-06-15.

**RESOLUTION M36.27 (Request for Authorization of CD registration of 10646 Part 2):**

**Unanimous**

WG 2 resolves to request SC2 to authorize WG 2 to decide when to forward the WD for CD registration of ISO/IEC 10646-2. WG 2 further requests SC 2 to approve the following revised schedule: : CD -- November 99; FCD – May 2000; FDIS – May 2001 and IS – December 2001

**RESOLUTION M36.28 (IRG-Extension B – printing format):**

**Japan Negative**

With reference to IRG resolution M12.1 in document N1992, and document N1993 containing the format description, WG 2 requests the IRG to note the following:

- In the interests of better usability, and smaller size of the standard using higher density of information per page, WG2 expresses its strong preference that the Extension B code charts in ISO/IEC 10646-2 be printed with a single ideograph glyph per code position, and removing the information on source characters from the code charts.
- WG2 also requests IRG to prepare a soft copy text file containing cross references between Extension B characters and the source standard characters (code positions) to assist with cross mapping between various source standards and 10646.

**RESOLUTION M36.29 (Policy on 10646-1 beyond 2nd edition):**

**Unanimous**

As a general policy, WG2 resolves that the objective will be to minimize the number of amendments to Part 1, without sacrificing the timeliness to meet the end user requirements.

**RESOLUTION M36.30 (Defect report index no. 5):**

**Unanimous**

WG2 accepts N1978R as the revised defect report index no. 5 summarizing the dispositions of all the defect report dispositions to ISO/IEC 10646-1: 1993 to date.

**RESOLUTION M36.31 (TR 15285 on www):**

**Unanimous**

WG 2 accepts the request in document N2008 for publishing TR 15285 – Operational model for characters and glyphs, on the world wide web, and requests SC 2 to endorse it and forward the request to JTC 1.

**RESOLUTION M36.32 (WG2 report to SC2):**

**Unanimous**

WG 2 accepts the convener's report to SC2 in document N1940R (with editorial corrections) for forwarding to SC2.

**RESOLUTION M36.33 (Future meetings):**

**Unanimous**

WG 2 confirms the following future meeting schedule:

Meeting 37: 13--16 September 1999 -- Copenhagen, Denmark

Meeting 38: TENTATIVELY in March 2000 –China, USA as fallback  
Meeting 39 September 2000, Greece (US as fall back) (along with SC2 meeting)

WG 2 accepts and confirms the following IRG future meeting schedule:

IRG 13: May 1999, Hong Kong  
IRG 14: Dec 1999 in Singapore  
IRG 15: May 2000 in Taiwan

**RESOLUTION M36.34 (Appreciation to the host):**

**By Acclamation**

WG 2 thanks its host, Japanese Industrial Standards Committee (JISC), and the Japanese National Committee for JTC 1/SC 2, especially Mr. Shigenobu Katoh, Professor Shun Ishizaki, Ms. Toshiko Kimura, and Ms. Madoka Katoh, for hosting the meeting, for providing excellent secretarial and administrative support, and for the dinner invitation. WG 2 further extends its thanks to Toppan Printing Company Limited, Toshiba Corporation and Hitachi Limited, for their support for the enjoyable excursion.

**ISO/IEC JTC 1/ SC 2 /WG 2**

Meeting 36, Fukuoka, Japan

1999-03-09—15

**Attendance List**

33 delegates representing 8 national bodies, 3 liaison organizations and 12 guests were present at different times during the five-day meeting.

<b>Name</b>	<b>Representing</b>	<b>Affiliation</b>
Alain La Bonté	Canada	Direction du soutien au déploiement de l'inforoute gouvernementale
V. S. (Uma) Umamaheswaran	Canada, Recording Secretary	IBM Canada
Michael Y. Ksar	Convener	Hewlett-Packard Company
Michael Everson	Ireland	Everson Gunn Teoranta
Hideki Nakade	Japan	Mitsubishi Research Institute, Inc.
Satoshi Yamamoto	Japan	Hitachi, Ltd.
Shigenobu Katoh	Japan	Toppan Printing Co., Ltd.
Shun Ishizaki	Japan	Keio University
Takayuki Sato	Japan	Independent
Tatsuo L. Kobayashi	Japan	Scholex Co., Ltd.
Tatsuo Shimakura	Japan	Toshiba Corporation
Yoshiki Mikami	Guest	Nagaoka University of Technology
Sath Sokha Mony	Guest – Cambodia	Moritta Co., Ltd.
Phonpasit Phissamay	Guest – Lao P.D.R.	Prime Minister's Office, Science Technology and Environment Organization
Ahmad Zaki Abu Bakar	Guest – Malaysia	Universiti Teknologi Malaysia
Aung Maw	Guest - Myanmar	CE Technology
Khin Maung Lwin	Guest - Myanmar	Myanmar Computer Scientists' Association
Kyaw Thien	Guest - Myanmar	University of Computer Studies, Thamang College
Thaung Tin	Guest - Myanmar	KMD Company Limited
Thein Htut	Guest - Myanmar	Geocomp
Allen Bailochan Tuladhar	Guest – Nepal	Computer Association of Nepal
Theppitak Karoonboonyan	Guest - Thailand	National Electronics and Computer Technology Center
Cam Trong	Guest - Việt Nam	National Centre for Social Sciences and Humanities of Vietnam
Elżbieta Broma-Wrzesień	Poland	Telekomunikacja Polska S.A.
Toshiko Kimura	SC2 Secretariat	Information Processing Society of Japan / Information Technology Standards Commission of Japan
Wera Lundström	Sweden	Statskontoret
Emily Yu-Chi Hsu	Taipei Computer Association	Institute for Information Industry
Asmus Freytag	The Unicode Consortium, AFII	ASMUS, Inc.
Bruce Paterson	U.K.	Independent
Hideki Hiura	U.S.A.	SunSoft, Inc.
Ken Whistler	U.S.A.	Sybase Inc.
Michel Suignard	U.S.A.	Microsoft
Ngô Trung Việt	Việt Nam	Technical Committee on Information Technology / JTC1