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ISO/IEC JTC 1/SC 2/WG 2
Universal Coded Character Set (UCS) - ISO/IEC 10646
Secretariat: ANSI

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1. Meetings

Since the last SC2 plenary session, which was held in Mountain View, CA in April 2006, WG2 met in Tokyo, Japan in October 2006, in April 2007 in Frankfurt, Germany, in Hangzhou, China in September 2007 and in Redmond, WA in April 2008. Earlier meetings are included for reference.

Meeting	Location	Date	Document #, Minutes/Resolutions
23	Athens, Greece	1993-05-24/26	N903, N904
24	Washington, DC, U.S.A.	1993-11-01/05	N955, N949
25	Antalya, Turkey	1994-04-18/25	N1033, N1034
26	San Francisco, Calif. U.S.A.	1994-10-10/14	N1117, N1118
27	Geneva, Switzerland	1995-04-03/07	N1203, N1204
28	Helsinki, Finland	1995-06-26/28	N1253, N1254
29	Tokyo, Japan	1995-11-06/10	N1303, N1304
30	Copenhagen, Denmark	1996-04-22/26	N1353, N1354
31	Quebec City, Quebec, Canada	1996-08-12/16	N1453, N1454
32	Singapore	1997-01-20/24	N1503, N1504
33	Heraklion, Crete, Greece	1997-06-30/1997-07-04	N1603, N1604
34	Redmond, WA, U.S.	1998-03-16/20	N1703, N1704R
35	London, UK	1998-09-21/25	N1903, N1904r
36	Fukuoka, Japan	1999-03-09/15	N2003, N2004
37	Copenhagen, Denmark	1999-09-13/16	N2103, N2104
38	China	2000-03-21/24	N2203, N2204
39	Greece	2000-09-19/25	N2253, N2254
40	Mountain View, California	2001-04-02/05	N2353, N2354
41	Singapore	2001-10-15/2001-10-18	N2403, N2404
42	Dublin, Ireland	2002-05-20/2002-05-23	N2453, N2454
43	Tokyo, Japan	2002-12-09/2002-12-12	N2553, N2554
44	Mountain View, California	2003-10-20/2003-10-23	N2653, N2654R
45	Toronto, Canada	2004-06-21/2004-06-24	N2753, N2754
46	Xiamen, Fujian, China	2005-01-24/28	N2903, N2904

47	Sophia Antipolis, France	2005-09-12/15	N2953, N2954
48	Mountain View, CA	2006-04-24/27	N3053, N3054
49	Tokyo, Japan	2006-09-24/29	N3153, N3154
50	Frankfurt, Germany	2007-04-23/27	N3203, N3204
51	Hangzhou, China	2007-09-17/21	N3353, N3354
52	Redmond, WA	2008-04-21/24	N3453*, N3454

* Not confirmed yet

2. Scope of Work

Develop a universal character set that encompasses the world's scripts. This is Work Item JTC1.02.18 - ISO/IEC 10646.

3. Achievements since last SC2 plenary

Here is a summary of projects completed and published as amendments since the last SC2 plenary in April 2006.

1. SC2/WG2 held four meetings since the last SC2 plenary; one in September 2006 in Tokyo, Japan, one in April 2007 in Frankfurt, Germany, one in Hangzhou, China in September 2007 and one in Redmond, WA in April 2008.
2. Published ISO/IEC 10646:2003 Amendment 3 in February 2008 which included Lepcha, Ol Chiki, Saurashtra, Vai and other characters
3. Balloted and approved Amendment 4 of ISO/IEC 10646: 2003 and submitted it to ITTF for an FDAM ballot
4. Processed Amendment 5 as an FPDAM.
5. Approved AMD 5 for processing as an FDAM
6. Processed Amendment 6 as a PDAM.
7. Approved AMD 6 for processing as a second PDAM as additional characters were approved at meeting 52 in Redmond, WA. Dates are moved forward by six months.
8. Adjusted the due dates for a new edition of 10646 by six months to include amendment 6.

4. SC2/WG2 program of work.

Here are the details of all WG2 work items/projects within SC2:

10646	ISO/IEC 10646: 2003 **(Freely available from ITTF site)**	Universal Multiple-Octet Coded Character Set (UCS)		-	Published: 2003-12-15
10646.00.01.00.01	ISO/IEC 10646: 2003/Amd.1: 2005 **(Freely available from ITTF site)**	Universal Multiple-Octet Coded Character set (UCS) -- Amendment 1: Glagolitic, Coptic, Georgian and other characters		-	Published: 2005-11-15
10646.00.02.00.01	ISO/IEC 10646: 2003/Amd.2: 2006 **(Freely available from ITTF site)**	Universal Multiple-Octet Coded Character Set (UCS) -- Amendment 2: N'Ko, Phags-pa, Phoenician and		-	Published: 2006-07-15

ID	Document	Title	Editor	Stage			
		other characters					
10646 00.03.00.01	[ISO/IEC 10646: 2003/Amd.3: 2006](#) **(Freely available from ITTF site)**	Universal Multiple-Octet Coded Character Set (UCS) -- Amendment 3: Lepcha, Ol Chiki, Saurashtra, Vai, and other characters		-	Published: 2008-02-15		
10646.00.04.00.01	ISO/IEC 10646/FDAM4	Universal Multiple-Octet Coded Character Set (UCS) -- Amendment 4: Lanna, Cham, Game Tiles, and other characters	M.Suignard	4	06-12 06-12	07-06 07-05	07-12 08-01
10646.00.05.00.01	ISO/IEC 10646/FPDAM5	Universal Multiple-Octet Coded Character Set (UCS) -- AMENDMENT 5: Meitei Mayek, Bamum, Tai Viet, Avestan, Egyptian Hieroglyphs, CJK Unified Ideographs Extension C, and other characters	M.Suignard	3	07-05 07-05	07-10	08-07
10646.00.06.00.01	ISO/IEC 10646/PDAM 6	Universal Multiple-Octet Coded Character Set (UCS) -- AMENDMENT 6	M.Suignard	3	- 07-12		
10646.00.00.00.02	SC 2 N 3974	Universal Multiple-Octet Coded Character Set (UCS) (Second Edition: Consolidating ISO/IEC 10646: 2003 and Amendment 1 - 5 into a New Edition of ISO/IEC 10646)	M.Suignard	1			

* =Target for completion

Target Dates: WD: Introduction of the first edition of WD by editors, CD: Registration of the first CD/PDAM (and subsequent CDs/PDAMs), FCD: Registration of FCD/FPDAM, FDIS: Submission of text for FDIS/FDAM processing, IS: Publication

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Stages: 0: A study period under way, 1: An NP is under consideration, 2: A WD is under consideration, 3: A CD/FCD is under consideration, 4: An FDIS is under consideration, 5: An International Standards (IS) is being prepared, -: Published

5. Other Achievements:

1. Updated the World Wide Web site for WG2 and posted an increasing number of documents to the site. The URL is at http://www.dkuug.dk/JTC1/SC2/WG2. Mike Ksar, the convener, is also the web master.
2. No paper distribution since meetings 40. Documents were available on the web site for downloading and accessing online. WG2 expects that this would be the norm for distributing WG2 documents. Hosting organizations make hard copy of meeting documents available at every meeting, for use by officers and NBs.
3. Worked proactively with experts and liaison organizations who submitted contributions for inclusion in 10646:2003, Amendments 1, 2, 3, 4, 5 and 6 and the consolidated edition that include the first 6 amendments.
4. Updated the Principles & Procedures document (N3102) in March 2007.
5. Approved a new updated of the Principles & Procedures which will be posted in N3452 after the conclusion of meeting 52. The update relates to the processing of dandas.

6. Proposals for future WG2 meetings:

1. Finalize amendments 4 FDAM in JTC1
2. Process FDAM 5 in JTC1.
3. Update contents of PDAM 6 and process as PDAM 6.2 with revised dates for an additional six months
4. Update the Roadmaps of 10646
5. Update Principles & Procedures
6. Review additional contribution experts of national bodies, liaison organizations and others.

7. SC2 issues for consideration/approval:

1. Approve the disposition of comments on Amendment 5 and process it as an FDAM with unchanged target completion dates.
2. Approve appointment of the new Rapporteur of the IRG Dr. Lu Qin for a new term that ends at the next SC2 plenary meeting.
3. Approve future meetings of SC2/WG2 – Meetings 53, 54, 55, 56 and 57 (twice/per year) as follows:

   1. Meeting 53 – 2008-10-13/17 hosted by Hong Kong Polytechnic Institute, HKSAR with US as backup in the Bay Area (pending confirmation)
   2. Meeting 54 – 2009-04-20/24 US – Bay Area (pending confirmation) with Toronto, Canada as alternate
   3. Meeting 55 with SC2 plenary – 2009-10-26/30, Tokushima, Japan
   4. Meeting 56 – Spring 2010 – US tentative
   5. Meeting 57 - Fall 2010 – Korea (pending confirmation)

4. Reconfirm Project Editor Mr. Michel Suignard
5. Review and appoint liaison coordinators until next SC2 plenary

8. WG2 Liaisons

WG2 continues to work very closely with the following liaison organizations.

- The Unicode Consortium
- Taipei Computer Association (TCA)
- Hong Kong Information Technology Federation (HKITF)

- W3C
- IETF
- SEI – UC Berkeley

In addition, WG2 has worked very closely with the following working groups but no official liaison exists between them and WG2.

- ISO TC37/SC2
- ISO/TC46/SC2
- SC22 – Programming Languages
- ECMA TC39 - Scripting & Programming Languages

8. Mailing List

The average number of recipients of WG2 documents is about 100. Their national bodies or individuals that are linguistic and/or technical experts on coding technology nominate them. The number of attendees, representing about 19 national bodies, 3 liaison organizations and 18 affiliations, is now steady at an average of 35 people per meeting. There are approximately 200 technical experts who actively provide input to our working group.