ISO/IEC JTC 1/SC 2
Coded Character Sets
Secretariat: Japan (JISC)

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ISO/IEC JTC 1/SC 2/WG 2

Universal Coded Character Set (UCS) - ISO/IEC 10646

Secretariat: ANSI

DOC TYPE:	Report
TITLE:	WG2 Report to the 14th SC2 plenary meeting in Mountain View, CA – April 2006
SOURCE:	Mike Ksar, Convener
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1. Meetings

Since the last SC2 plenary session, which was held in Toronto in June 2004 2002, WG2 met in Xiamen, China in January 2005, in Sophia Antipolis, France in September 2005 and in Mountain View, CA in April 2006. 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

* 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 June 2004.

1. SC2/WG2 held three meetings since the last SC2 plenary; one in January 2005 in Xiamen, China, one in September 2005 in Sophia Antipolis, France and one in April 2006 in Mountain View, CA.
2. Published ISO/IEC 10646:2003 which merged parts 1 & 2.
3. Published Amendment 1 of ISO/IEC 10646:2003 which included Glagolitic, Coptic, Georgian, and other characters which increased the repertoire count by **810**.
4. Balloted and approved Amendment 2 of ISO/IEC 10646: 2003 which included N'Ko, Phoenician, Cuneiform, Phags-pa scripts, and other characters which increased the repertoire count by *1365*.
5. Started work on Amendment 3: Lepcha, Ol Chiki, Saurashtra, Vai, and other characters which will increase the repertoire count by *517*.

4. SC2/WG2 program of work.

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

SC 2 Project # (JTC 1.02.)	Reference	TITLE	Project Editor	Current Stage	Target Date (Top)/ Actual Date (Bottom) *=completion				
					WD	CD/ PDAM	FCD/ FPDAM	FDIS/ FDAM	IS/ AMD
WG 2: Universal Coded Character Set									
10646 (18)	ISO/IEC 10646: 2003	Universal Octet Coded Character Set (UCS)		-	Published: 2003-12-15				
10646 (18).00.01	ISO/IEC 10646: 2003/Amd.1: 2005	Universal Coded Character set (UCS) -- Amendment 1: Glagolitic, Coptic, Georgian and other characters		-	Published: 2005-11-15				
10646	ISO/IEC	Universal	M.Suignard	4		04-12*	05-06*	05-12*	

(18).00.02	10646/FDAM2	Coded Character Set (UCS) -- Amendment 2: N'Ko, Phoenician, Cuneiform, Phags-pa scripts, and other characters				04-12*	05-08*	06-02
10646 (18).00.03	ISO/IEC 10646/PDAM3 (under concurrent project subdivision ballot)	Universal Coded Character Set (UCS) -- Amendment 3: Lepcha, Ol Chiki, Saurashtra, Vai, and other characters	M.Suignard	3		06-02* 06-04*	06-09*	07-02*

* =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

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.
3. Worked proactively with experts and liaison organizations who submitted contributions for inclusion in 10646:2003, Amendments 1, 2 and 3.
4. Updated the Principles & Procedures document (N3002).

6. Proposals for future WG2 meetings:

1. Finalize Amendment 3 for ISO/IEC 10646:2003 and process it.
2. Update the Roadmaps of 10646
3. Review additional contribution from national bodies, liaison organizations and other experts as the requests come in.

7. SC2 issues for consideration/approval:

1. Approve the disposition of comments on Amendment 3 and progress its processing as an FPDAM with unchanged target completion dates – Resolution M48.xx – April 2006 meeting in Mountain View, CA.
2. Pursue quest to make 10646 freely available.
3. Approve appointment of the new Rapporteur of the IRG Dr. Lu Qin for a new term that ends at the next SC2 plenary meeting.
4. Approve future meetings of SC2/WG2 – Meeting 49 & 50, Sept 2006 and April 2007
5. Reconfirm Project Editor Mr. Michel Suignard
6. Review liaison coordinators

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)
- United Nations University (UNU)
- W3C
- IETF

In addition, WG2 has worked very closely with the following working groups but no official liaisons exist 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.