

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

DOC TYPE:	Report
TITLE:	WG2 Report to the 12 th SC2 plenary meeting in Tokyo – December 2002
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1. Meetings

Since the last SC2 plenary session, which was held in Singapore in October 2001, WG2 met in Dublin, Ireland in May 2002 and in Tokyo, Japan in December 2002. Earlier meetings are included for reference.

<u>Meeting #</u>	<u>Location</u>	<u>Date</u>	<u>Document #, Minutes/Resolutions</u>
23	Athens, Greece	24 - 26 May 1993	N903, N904
24	Washington, DC, U.S.A.	1 - 5 Nov. 1993	N955, N949
25	Antalya, Turkey	18 - 25 April 1994	N1033, N1034
26	San Francisco, Calif. U.S.A.	10 - 14 Oct. 1994	N1117, N1118
27	Geneva, Switzerland	3 - 7 April 1995	N1203, N1204
28	Helsinki, Finland	26 - 28 June 1995	N1253, N1254
29	Tokyo, Japan	6 - 10 November 1995	N1303, N1304
30	Copenhagen, Denmark	22 - 26 April 1996	N1353, N1354
31	Quebec City, Quebec, Canada	12 - 16 August 1996	N1453, N1454
32	Singapore	20 - 24 January 1997	N1503, N1504
33	Heraklion, Crete, Greece	30 June – 4 July 1997	N1603, N1604

34	Redmond, WA, U.S.	16 – 20 March 1998	N1703, N1704R
35	London, UK	21 – 25 September 1998	N1903, N1904r
36	Fukuoka, Japan	9 - 15 March 1999	N2003, N2004
37	Copenhagen, Denmark	13 - 16 September 1999	N2103, N2104
38	China	20 - 23 March 2000	N2203, N2204
39	Greece	September 2000	N2253, N2254
40	Mountain View, California	2001-04-02	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**

* Unconfirmed.

** Not available yet

2. Scope of Work

Develop a universal multiple-octet coded 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 October 2001.

1. Successfully balloted and submitted ISO/IEC 10646-2: 2002 to ITTF for publication towards in November 2001.
2. Successfully balloted and submitted Amendment 1 of ISO/IEC 10646-1:2000 to ITTF for publication in July 2002.
3. Balloted FPDAM 2 - ISO/IEC 10646-1: 2000 in November 2002, on schedule.
4. Balloted FPDAM 1 – ISO/IEC 10646-2:2001 in November 2002, on schedule.
5. Approved disposition of comments on FPDAM2 ISO/IEC 10646-1: 2000, in December 2002 on schedule.
6. Approved disposition of comments on FPDAM1 ISO/IEC 10646-2: 2001, in December 2002 on schedule.
7. Preparing to merge ISO/IEC 10646-1 and ISO/IEC 10646-2, including Amendment 2 to part 2 and Amendment 1 to part 2 into a single publication, per document N2999R. Subdivision of work document N2506 has been prepared and is ready for approval by SC2 plenary in December 2002.

4. SC2/WG2 program of work.

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

WG 2: Multi Octet Codes

SC 2 Project # (JTC 1.02.)	Reference	Title	Project Editor	Cur ren t Sta ge	Target Date (Top)/ Actual Date (Bottom)				
					W D	CD	FCD	FDI S	IS
18.01.00.0 0.02	ISO/IEC 10646-1: 2000 (SC2N3411)	Universal Multiple-Octet Coded Character set (UCS) Part 1: Architecture and Basic Multilingual Plane	M. Suignard	-	Published: 2000-09-15 (Second Edition)				
18.01.01.0 0.02	ISO/IEC 10646-1: 2000/ Amd 1 SC2N3588	Amendment 1 to ISO/IEC 10646-1: 2000, Mathematical symbols and other characters	M. Suignard	-	Published: 2002-07-15				
18.01.01.0 0.02	10646- 1/FPDAM 2 (SC2N3624)	Amendment 2 to ISO/IEC 10646-1: 2000, Limbu, Tai Le, Yijing and other characters	M. Suignard	3	-- 01- 12	02- 04* 02- 03*	02- 10* 02- 11*	03- 02*	
18.02.00.0 0.01	ISO/IEC 10646-2: 2001	Universal Multiple-Octet Coded Character set (UCS) -- Part 2: Supplementary Planes	M. Suignard	-	Published: 2001-11-01				
18.02.01.0 0.01	10646- 2/FPDAM 1 (SC2N3625)	Amendment 1 to ISO/IEC 10646-2: 2001, Aegean, Ugaritic, and other characters	M. Suignard	3	-- 01- 12	02- 03* 02- 04*	02- 10* 02- 11*	03- 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 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 www.dkuug.dk/JTC1/SC2/WG2. Keld Simonsen of the Danish UNIX Users Group (dkuug) in Copenhagen, Denmark continues to operate the site.
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.
3. Worked proactively with DPRK and the Korean experts to include their requirements in 10646, including additions to the repertoire
4. Worked proactively experts from Cambodia to clarify our process and accepted additional repertoire requirements for Khmer.

5. Worked proactively with all other experts who submitted contributions for inclusion in Amendment 2 of 10646-1 and Amendment 1 of 10646-2.

6. Proposals for future WG2 meetings:

1. Complete publication of ISO/IEC 10646 merged parts 1 & 2
2. Review and reach consensus on Dai scripts
3. Continue to update the Roadmaps of 10646
4. Review additional contribution from national bodies, liaison organizations and other experts as the requests come in.

7. SC2 issues for consideration/approval:

1. Approve document N2506 (SC2 3638) – subdivision of work to merge 10646-1, 10646-2 and their respective amendments
2. The Rapporteur of the IRG is Mr. Zhang Zhoucai of China. His term, if approved by the 12th SC2 plenary, will continue until the next SC2 plenary session.
3. Approve future meetings of SC2/WG2
4. Reconfirm Project Editor
5. Review liaison coordinators
6. Review jointly with SC2/WG2 future ad hoc meeting of SC2, SC35 and SC22/WG20 per resolution in last JTC1 plenary meeting

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)
- CEN/TC304 (now dormant)
- W3C

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

- SC2/WG3 - 7-bit and 8-bit Codes
- ISO/TC46/SC2
- SC22/WG3 - APL
- SC22 and SC22/WG20 – Internationalization

- ECMA TC39 - Scripting & Programming Languages

8. Mailing List

The average number of recipients of WG2 documents is 80. 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 150 technical experts who actively provide input to our working group.