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Coded Character Sets
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ISO/IEC JTC 1/ SC 2/ WG 2

Universal Multiple-Octet Coded Character Set

(U C S)

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JTC1/SC2/WG2 _N2368R_

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Title:	**WG2 Report to the eleventh SC2 plenary meeting in Singapore – October 2001**
Source:	**Mike Ksar, SC2/WG2 Convener**
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1. Meetings

Since the last SC2 plenary session, which was held in Athens, Greece in September 2000, WG2 met in Mountain View, California in March 2001 and in Singapore in October 2001. Earlier meetings are included for reference.

Meeting #	Location	Date	Document #, Minutes/Resolutions
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

* 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 September 2000.

1. Published ISO/IEC 10646-1: 2000 (Second Edition) on 15 September 2000.

2. Successfully balloted and submitted ISO/IEC 10646-2: 2001 (Part 2) to ITTF for publication towards end of October 2001. This was completed two months ahead of schedule.

3. Balloted PDAM and FPDAM 1 ISO/IEC 10646-1: 2000 on schedule.

4. Approved disposition of comments on FPDAM ISO/IEC 10646-1: 2000 on schedule.

5. Preparing to process PDAM 2 for ISO/IEC 10646-1: 2000

6. Preparing to process PDAM 1 for ISO/IEC 10646-2: 2001

4. SC2/WG2 program of work.

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

WG 2: Multi Octet Codes

WG	SC 2 Project #	Title	Current Stage	Reference	Editor	Target Date (Top)/ Actual Date (Bottom)

(JTC 1.02.)						WD	CD	FCD	FDIS	IS
2	18.01.00.00.02	Universal Multiple-Octet Coded Character set (UCS) -- Part 1: Architecture and Basic Multilingual Plane	-	ISO/IEC 10646-1:2000 SC2N3411	M. Suignard	Published: 2000-09-15 (Second Edition)				
2	18.01.01.00.02	Amendment 1 to ISO/IEC 10646-1: 2000, Mathematical symbols and other characters	3	SC2N3530	M. Suignard	00-09	00-10 00-12	01-04 01-06	01-10	02-02
2	18.02	Universal Multiple-Octet Coded Character set (UCS) -- Part 2: Supplementary Planes	5	SC2N3506	M. Suignard	98-03 98-03	99-11 99-11	00-05 00-05	01-05 00-12	01-12

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. Published the enhanced set of principles and a process to prioritize the various repertoire additions to WG2 in document N2352R.

2. The Rapporteur of the IRG is Mr. Zhang Zhoucai of China. His term, if approved by the 11 SC2 plenary, will continue until the next SC2 plenary session.

3. 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.

4. No paper distribution at meetings 40 and 41. Documents were available on the web site for downloading and accessing online. WG2 expects that this would be the norm for distributing WG2 documents.

6. Proposals for future WG2 meetings:

1. Complete publication of ISO/IEC 10646-2: 2001 by ITTF

2. Process Amendment 1 of 10646-1:2000 including editorial and technical corrigenda

3. Process Amendment 2 for ISO/IEC 10646-1:2000

4. Process Amendment 1 for ISO/IEC 10646-2: 2001

5. Review and reach consensus on Dai scripts

6. Continue to update the Roadmaps of 10646

7. Continue to work with DPRK and the Korean ad hoc group to include their requirements in 10646, including additions to the repertoire

8. Continue to work with experts from Cambodia to clarify our process and to consider their additional repertoire requirements and explanatory text for Khmer

9. Review additional contribution from national bodies, liaison organizations and other experts on the following scripts/additional characters:

   1. Limbu

   2. Ugaritic

   3. Aegean

   4. Shavian

   5. Additional Tamil symbols

   6. Arabic currency sign

   7. Cuneiform

   8. Additional recycling symbols

   9. Additional phonetic characters

   10. Additional monogram, digram and hexagram characters

   11. Additional Cyrillic Supplement to Collection MES

7. 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

- 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/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.