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
(U C S)

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ISO/IEC JTC1 SC2 N 3292

WG2 _N 1940R_

Date: 1999-03-16

Title:	**Pre-SC2 Updated WG2 Report to the ninth SC2 plenary meeting in Fukuoka, Japan 9 – 15 March 1999**
Source:	**Mike Ksar, SC2/WG2 Convener**
Action:	**None – For information**
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1.   Meetings

Since the last SC2 plenary session, which was held in Redmond, WA, U.S.A. in March 1998, WG2 met once in London, U.K. in September 1998 and is planning to meet again in Fukuoka, Japan in and March 1999 respectively. 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 Planned	Copenhagen, Denmark	13 - 16 September 1999	
38 Planned	China	20 - 23 March 2000*	
39 Planned	Greece	September 2000*	

* Unconfirmed.

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 March 1998.

SC 2 Project #	Title	Stage	Reference	Editor	Target Date (Top)/Actual Date (Bottom)				
					WD	CD	FCD	DIS	IS
02.18.01.05	AMENDMENT 5 to ISO/IEC 10646-1: Hangul syllables	-	ISO/IEC10646-1/Amd 5 (SC 2 N 2986)	J. B. Paterson	Published: 1998-05-15				
02.18.01.10	AMENDMENT 10 to ISO/IEC 10646-1: Ethiopic script	-	ISO/IEC10646-1/Amd.10 (SC 2 N 3016)	J. B. Paterson	Published: 1998-10-15				
02.18.01.11	AMENDMENT 11 to ISO/IEC 10646-1: Unified Canadian Aboriginal Syllabics	-	ISO/IEC10646-1/Amd.11 (SC2N2965)	J. B. Paterson	Published: 1998-07-15				
02.18.01.12	AMENDMENT 12 to ISO/IEC 10646-1: Cherokee	-	ISO/IEC10646-1/Amd.12 (SC2N2967)	J. B. Paterson	Published: 1998-09-01				
02.18.01.13	AMEDMENT 13 to ISO/IEC 10646-1: CJK unified ideographs	-	ISO/IEC10646-1/Amd.13 (SC2N3078)	J. B. Paterson	Published: 1998-10-15				
02.18.01.16	AMENDMENT 16 to ISO/IEC 10646-1: Braille Patterns	-	ISO/IEC10646-1/Amd.16 (SC2N3079)	J. B. Paterson	Published: 1998-10-15				
02.18.01.19	AMENDMENT 19 to ISO/IEC 10646-1: Runic	4	SC2N3080	J. B. Paterson	Published: 1998-11-01				
02.18.01.20	AMENDMENT 20 to ISO/IEC 10646-1: Ogham	4	SC2N3081	J. B. Paterson	Published: 1998-11-01				
02.15285	TR Type 3: An Operational Model for Characters and Glyphs	5	SC2N3142	A. Griffee E. Hart	Published: 1998-12-15				
02.18.01.00.02	TECHNICAL CORRIGENDUM 2 to ISO/IEC 10646-1	-	ISO/IEC 10646-1/Cor.2 (SC2N3082)	J.B. Paterson	Published: 1998-07-15				

4. Work in Progress:

SC 2 Project #	Title	Stage	Reference	Editor	WD	CD	FCD	DIS	IS
02.18.01	Revision of ISO/IEC 10646-1: 1993			J. B. Paterson	99-03	N/A	N/A	N/A	2000-03
02.18.01.14	AMENDMENT 14 to ISO/IEC 10646-1: Yi syllables and Yi radicals	3	SC2N3215	J. B. Paterson	- / 98-04	- / 98-08	98-08 / 98-11	99-05	99-08
02.18.01.15	AMENDMENT 15 to ISO/IEC 10646-1: Radicals and Numerals	3	SC2N3213	J. B. Paterson	- / 98-10	- / 99-02	99-04	99-10	00-02
02.18.01.17	AMENDMENT 17 to ISO/IEC 10646-1: CJK Unified Ideograph Extension	4	SC2N3220	J. B. Paterson	- / 98-04	98-09	98-07 / 98-09	99-01 / 98-11	99-03
02.18.01.18	AMENDMENT 18 to ISO/IEC 10646-1: Symbols and Others	4	SC2N3188	J. B. Paterson	- / 97-12	98-05	98-05 / 98-09	98-11 / 98-10	99-02
02.18.01.21	AMENDMENT 21 to ISO/IEC 10646-1: Sinhala	4	SC2N3190	J. B. Paterson	- / 98-01	98-07	98-06 / 98-09	98-11 / 98-10	99-02
02.18.01.22	AMENDMENT 22 to ISO/IEC 10646-1: Keyboard symbols	3	SC2N3192	J. B. Paterson	- / 97-12	98-03 / 98-03	98-10 / 98-10	99-05	99-09
02.18.01.23	AMEMDMENT 23 to ISO/IEC 10646-1: Bopomofo and other char.	4	SC2N3194	J. B. Paterson	98-03 / 98-03	98-09	98-09 / 98-09	99-02 / 98-10	99-05
02.18.01.24	AMEMDMENT 24 to ISO/IEC 10646-1: Thaana Script	3	SC2N3198	J. B. Paterson	98-03 / 98-03	98-09	99-05 / 98-10	99-05	99-10
02.18.01.25	AMENDMENT 25 to ISO/IEC 10646-1: Khmer Script	3	SC2N3201	J. B. Paterson	98-03 / 98-03	98-09	99-05 / 98-10	99-05	99-10
02.18.01.26	AMENDMENT 26 to ISO/IEC 10646-1: Myanmar Script	3	SC2N3203	J. B. Paterson	98-03 / 98-03	98-09	99-05 / 98-10	99-05	99-10
02.18.01.27	AMENDMENT 27 to ISO/IEC 10646-1: Syriac Script	3	SC2N3196	J. B. Paterson	98-03 / 98-03	98-09	99-05 / 98-10	99-05	99-10
02.18.01.28	AMENDMENT 28 to ISO/IEC 10646-1: Ideographic Description Sequences	3	SC2N3186	J. B. Paterson	98-10 / 98-10	- / 99-02	99-04	99-10	00-02
*02.18.01.29	AMENDMENT 29 to ISO/IEC 10646-1: Mongolian	3	SC2N3208	J. B. Paterson	98-09 / 98-10	- / 99-02	99-04	99-10	00-02
*02.18.01.30	AMENDMENT 30 to ISO/IEC 10646-1: Additional Latin and other char.	3	SC2N3210	J. B. Paterson	98-09 / 98-10	- / 99-02	99-04	99-10	00-02
*02.18.01.31	AMENDMENT 31 to ISO/IEC 10646-1: Tibetan Extension	3	SC2N3212	J. B. Paterson	98-09 / 98-10	- / 99-02	99-04	99-10	00-02
02.18.02	Universal Multiple-Octet Coded Character set (UCS) - Part 2	2	SC2N3068	M. Suignard	98-03 / 98-03	99-11	00-05	01-05	01-12
02.18.01.00.03	TECHNICAL CORRIGENDUM 3	-	ISO/IEC 10646-1/Cor.3	J.B. Paterson	Draft: 99-04; DCOR ballot: 99-06-01				

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

5.1. Continued to enhance the set of principles and a process to prioritize the various repertoire additions to WG2. The new process has been extremely helpful in managing and prioritizing repertoire additions to 10646. Document N2002 is being updated to reflect the latest feedback on the Principles and Procedures.

5.2. The Rapporteur of the IRG is Mr. Zhang Zhoucai of China. His term runs until the next SC2 plenary session in March 1999.

5.3. 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. A summary of the documents submitted to WG2 and the action taken is now available on the web as document N1952, which is an update of document N 1509.

6. Proposals for future WG2 meetings:

6.1. Ideographic Vertical Extensions for plane 2

6.2. Cham

6.3. Tai (Dai) scripts

6.4. Encoding of ecological symbols

6.5. Proposals to encode Glagolitic, Coptic, and Buginese in the BMP.

6.6. Proposal to encode in plane 1 the following scripts: Egyptian Hieroglyphs, Meroitic, Old Persian Cuneiform, Ugartic Cuneiform, Tengwar, Cirth, Klingon, Etruscan, Gothic, Avestan, Brahmi, Old Hungarian, Old Permic, Sinaitic and South Arabian.

6.7. Additional math symbols

6.8. Western Music Symbols in plane 1.

6.9. Latinized Taiwanese characters

7. WG2 Liaisons

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

- AFII
- ITU-T/SG8
- The Unicode Consortium
- Taipei Computer Association (TCA)
- Hong Kong Information Technology Federation (HKITF)
- United Nations University (UNU)
- CEN/TC304

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
- W3C-Internationalization
- ECMA TC39 - Web Scripting 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.