

ISO
INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION

ISO/IEC JTC 1/ SC 2/ WG 2
Universal Multiple-Octet Coded Character Set
(U C S)

ISO/IEC JTC1/SC2/WG2 N 1940

Date: 1998-12-15

Title:	Preliminary 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
Distribution:	ISO/IEC JTC 1/ SC 2

1. Meetings

Since the last SC2 plenary session, which was held in Redmond, WA, U.S.A. in March 1998, WG2 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.

<u>Meeting #</u>	<u>Location</u>	<u>Date</u>	<u>Document #, Minutes/Resolutions</u>
23	Athens, Greece	24 - 26 May 1993	N 903, N 904
24	Washington, DC, U.S.A.	1 - 5 Nov. 1993	N 955, N 949
25	Antalya, Turkey	18 - 25 April 1994	N 1033, N 1034
26	San Francisco, Calif. U.S.A.	10 - 14 Oct. 1994	N 1117, N 1118
27	Geneva, Switzerland	3 - 7 April 1995	N 1203, N 1204
28	Helsinki, Finland	26 - 28 June 1995	N 1253, N 1254
29	Tokyo, Japan	6 - 10 November 1995	N 1303, N 1304
30	Copenhagen, Denmark	22 - 26 April 1996	N 1353, N 1354
31	Quebec City, Quebec, Canada	12 - 16 August 1996	N 1453, N 1454
32	Singapore	20 - 24 January 1997	N 1503, N 1504
33	Heraklion, Crete, Greece	30 June – 4 July 1997	N 1603, N 1604
34	Redmond, WA, U.S.	16 – 20 March 1998	N 1703, N 1704R
35	London, UK	21 – 25 September 1998	N 1903*, N 1904R
36 Planned	Fukuoka, Japan	9 - 15 March 1999	
37 Planned	Copenhagen, Denmark	September 1999	
38 Planned	China	March 2000	

* These are unconfirmed minutes.

1. 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	Reference	Editor	Target Date (Top) Actual Date (Bottom)			
				WD ^{*1}	CD ^{*2}	FDIS ^{*3}	IS ^{*4}
02.18.01.05	AMENDMENT 5: Hangul Syllables	10646-1 AMD 5	J. B. Paterson				Published: 1998-05-15
02.18.01.10	AMENDMENT 10: Ethiopic	10646-1 AMD 10	J. B. Paterson				Published: 1998-10-15
02.18.01.11	AMENDMENT 11: Unified Canadian Aboriginal Syllabics	10646-1 AMD 11	J. B. Paterson				Published: 1998-07-15
02.18.01.12	AMENDMENT 12: Cherokee	10646-1 AMD 12	J. B. Paterson				Published: 1998-09-01
02.18.01.13	AMENDMENT 13: CJK Unified Ideographs Supplementary Sources	10646-1 AMD 13	J. B. Paterson				Published: 1998-10-15
02.18.01.16	AMENDMENT 16: Braille Patterns	10646-1 AMD 16	J.B. Paterson				Published: 1998-10-15
02.18.01.19	AMENDMENT 19: Runic	10646-1 AMD 19	J.B. Paterson				Published: 1998-11-01
02.18.01.20	AMENDMENT 20: Ogham	10646-1 AMD 20	J.B. Paterson				Published: 1998-11-01
02.18.01.00.02	TECHNICAL CORRIGENDUM 2	10646-1 Cor. 2	J. B. Paterson				Published: 1998-07-15

4. Work in Progress:

SC 2 Project #	Title	Reference	Editor	Target Date (Top)/Actual Date (Bottom)			
				WD ^{*1}	CD ^{*2}	FDIS ^{*3}	IS ^{*4}
02.18.01	Revision of ISO/IEC 10646-1: 1993		J. B. Paterson	99-03	N/A	N/A	2000-03
02.18.01.14	AMENDMENT 14: Yi Character Set	SC2N2820	J. B. Paterson	-	97-09	98-05	98-10
					98-05	98-11	99-02
02.18.01.15	AMENDMENT 15: Radicals and Numerals	SC2N2821	J. B. Paterson	-	97-09	98-05	98-10
					98-05	98-11	99-02
02.18.01.17	AMENDMENT 17: CJK Unified Ideograph Extension	SC2N2823	J. B. Paterson	-	98-07	99-01	99-03
02.18.01.18	AMENDMENT 18: Symbols and Other collections	SC2N3002	J. B. Paterson	-	98-05	98-11	99-02
				97-12			
02.18.01.21	AMENDMENT 21: Sinhala script	SC2N3017	J. B. Paterson	-	98-06	98-11	99-02
				98-01			
02.18.01.22	AMENDMENT 22: Keyboard symbols	SC2N3003	J. B. Paterson	-	98-10	99-05	99-09
				97-12			
02.18.02	10646- Part 2: Supplementary Plane Number 1, 2 and 14	SC2N2929	M. Suignard	98-03	99-05	2000-05	2000-12
				98-03			
02.15285	TR Type 3: An Operational Model for Characters and Glyphs	DTR 15285 (SC 2N2902)	A. Griffee E. Hart	-	-	97-07	98-05
				97-01	97-05	97-07	

*1: Introduction of the first edition of WD by editors, *2: Registration of the first CD (and subsequent CDs) or PDAM/FPDAM, *3: Submission of text for FDIS processing, or DAM *4: Finalization of DIS Text for Publication (in the case of old DIS procedure)/Publication (in the case of new DIS procedure) or Camera-ready document ready for ITTF.

3. Projects approved at WG2 meeting 34 & 35, pending SC2 approval:

02.18.01.23	<i>FPDAM Bucket – Bopomofo, Romani, Enclosing Screen and Key Cap Symbols, Kip Laos Currency Sign, two Syriac symbols and Ideographic Variation Indicator</i>	SC2N3194	J. B. Paterson	98-03	98-09	99-02	99-05
02.18.01.24	<i>Amendment 24 – Thaana Script</i>	SC2N3198	J. B. Paterson	98-03	99-05	99-07	99-10
02.18.01.25	<i>Amendment 25 – Khmer Script</i>	SC2N3201	J. B. Paterson	98-03	99-05	99-07	99-10
02.18.01.26	<i>Amendment 26 – Myanmar (Burmese) Script</i>	SC2N3203	J. B. Paterson	98-03	99-05	99-07	99-10
02.18.01.27	<i>Amendment 27 – Syriac Script</i>	SC2N3196	J. B. Paterson	98-03	99-05	99-07	99-10
02.18.01.28	<i>Amendment 28 – Ideographic Description Sequence</i>	SC2N3186	J. B. Paterson	98-10	99-04	99-08	99-10
02.18.01.29	<i>Amendment 29: Mongolian</i>	SC2N3208	J.B. Paterson	98-10	99-04	99-08	99-12
02.18.01.30	<i>Amendment 30 - Additional Latin and other characters</i>	SC2N3210	J.B. Paterson	98-10	99-04	99-08	99-12
02.18.01.31	<i>Amendment 31 - Tibetan Extensions</i>	SC2N3212	J.B. Paterson	98-10	99-04	99-08	99-12

5. Other Achievements

- 6.1. 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.
- 6.2. The Rapporteur of the IRG is Mr. Zhang Zhoucai of China. His term runs until the next SC2 plenary session in March 1999.
- 6.3. 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.

6. Proposals for future WG2 meetings:

- 6.4. Ideographic Component Supplement
- 6.5. Ideographic Radical Supplement
- 6.6. Ideographic Structure Characters
- 6.7. Ideographic Vertical Extensions for plane 2
- 6.8. Cham
- 6.9. Tai (Dai) scripts
- 6.10. Encoding of ecological symbols
- 6.11. Proposals to encode Glagolitic, Coptic, and Buginese in the BMP.
- 6.12. Proposal to encode in plane 1 the following scripts: Egyptian Hieroglyphs, Meroitic, Old Persian Cuneiform, Ugaritic Cuneiform, Tengwar, Cirth, Klingon, Etruscan, Gothic, Avestan, Brahmi, Old Hungarian, Old Permic, Sinaitic and South Arabian.
- 6.13. Additional math symbols
- 6.14. Additional three East Asian characters
- 6.15. Western Music Symbols in plane 1.
- 6.16. 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.