

## Minutes of the NCITS/L2 meeting # 176 February 5, 1999

February 10, 1999

### 1. Joint meeting with UTC February 3-5, 1999

Agenda: [L2/99-002]  
 Motions: [L2/99-053]  
 Minutes: not yet ready

### 2. Opening of L2 meeting - remarks from the chair

#### 2.1. Notices of publication: see web site.

ISO/IEC 2022 Technical Corrigendum #1 has been approved and is being published  
 ISO/IEC 8859-15 - Latin 9 (with the euro) has been approved and is being published  
 ISO/IEC 8859-14 - Latin-8 (Celtic) has been approved and is being published  
 ISO/IEC 10646, Amd 13 (CJK), 16 (Braille), 19 (Runic), and 20 (Ogham) have been approved and are being published.  
 ISO/IEC 15285 - An operational model for characters and glyphs (applause)

#### 2.2. Electronic document distribution:

All documents are available electronically - Winkler will start sending paper copies only to the Principals of L2 and UTC corporate members, Alternates and observers are asked to access the web for the documents. Exceptions can be made upon request.  
 Fully supported, some ask for paper (Lisa, Ken). Asmus recommends to do the same as in WG20 - send a letter that has to be returned if paper copies are requested. L2/99-055 in preparation.

### 3. Administrative agenda

#### 3.1. Attendance and membership

##### 3.1.1. Membership list [SD-1]

##### 3.1.2. Membership fees for 1999 (as per February 1, 1999). Grace period ends on February 22, 1999.

Paid	Open
IBM (Uma, Moore)	Apple
IBM (Lotus)	Compaq
Oracle	IBM (Davis)
Progress Software	Microsoft (Suignard, Sargent)
RLG	Microsoft (Kung)
Share	Novell (e-mail – NO)
Sybase	Reuters
Unicode	Sun
	Unisys

##### 3.1.3. Members in jeopardy

SGI – letter has been sent, no action from SGI. This means, that SGI is NOT a member any more.  
 Compaq has not participated - Winkler will send letter.  
 AI: Winkler to send reminder for membership payments for 1999.

### 3.1.4. Attendance at February 1999 meeting

The following 12 companies are represented:

Apple, HP, IBM, Microsoft, Oracle, Progress Software, RLG, Share, Sun, Sybase, Unicode, Unisys.

Not present are: Novell, Reuters, Silicon Graphics.

Name	Company	UTC 2/3/99	UTC 2/4/99	UTC 2/5/99	L2 2/5/99
Aliprand, Joan	RLG	CM	CM	CM	P
Becker, Joe	Xerox	CM	CM	CM	x
Carroll, Don	Hewlett-Packard	CM	CM	CM	A
Davis, Mark	IBM - Taligent	CM	CM	CM	A
Freytag, Asmus	Unicode	AM	AM	AM	P
Hart, Edwin	SHARE	CM	CM	CM	P
Hiura, Hideki	Sun Microsystems	CM	CM	CM	P
Honomichl, Lloyd	Novell				
Jenkins, John	Apple			CM	P
Long, Wai-man	Compaq				
Ksar, Mike	HP	CM	CM	CM	P
Moore, Lisa	IBM	CM	CM	CM	A
O'Brian, Cleo	Silicon Graphics				
Sargent, Murray	Microsoft	CM	CM	CM	A
Suignard, Michel	Microsoft		CM	CM	P
Texin, Tex	Progress Software	AM	AM	AM	P
Umamaheswaran	IBM	CM	CM	CM	P
Whistler, Ken	Sybase	CM	CM	CM	P
Winkler, Arnold	Unisys	CM	CM	CM	P
Wolf, Misha	Reuters				
Yang, Jianping	Oracle	CM	CM	CM	P

### 3.2. Officers for L2 (Chair, Vice Chair, International Representative)

VC and IR are due for renewal in July 1999, the chair in December. NCITS will issue calls for VC and IR in February, for the chair in July. I'd like nominations or volunteers now, if possible. I got permission to continue as chair, if L2 approves and if I have a VC, mainly for the UTC business.

#### 3.2.1. Call for IR [IT/99-0027, L2/99-033]

Michel Suignard agrees to continue.

#### 3.2.2. Call for VC

Lisa Moore volunteers to take this position.

#### 3.2.3. Call for Chair

Winkler reports that he has approval to continue.

L2 approves the volunteers by acclamation (Ksar moves, Sargent seconds)

Winkler asks for submission of the required papers (see 99-033) to NCITS.

### 3.3. Approval of meetings minutes from December 1998 [L2/98-420]

pg. 4: general .... change "shall also be.." to "should automatically become"

6.6 correct spelling of "ideographs"

6.7

approved with 1 abstention (Ksar was not there)

### 3.4. L2 project list [SD-4]

No changes

### 3.5. Action items follow-up [SD-2]

List of action items was updated. The chair's action to remind the members well ahead of the meeting was considered helpful in closing the action items and keeping the list of open items short.

### 3.6. Registration of new documents and assignment to agenda

Doc. #	Subject	Source	Date	Project
<u>L2/99-001</u>	L2 complete document register 1998	Winkler	1998-12-21	admin
<u>L2/99-002</u>	Preliminary agenda for L2/UTC meeting in Palo Alto, February 3-5, 1998	Aliprand	1999-01-25	admin
<u>L2/99-003</u>	Application for registration #226 - Romanian	NB of Romania SC2 N3232	1998-12-22	392-M
<u>L2/99-004</u>	Table of replies on FDIS 8859-15 - Latin 9	SC2 N3233	1998-12-22	392-M
<u>L2/99-005</u>	Working draft #2 for ISO/IEC 15435 - Internationalization API	<u>SC22/WG20 N612</u>	1998-10-20	1241-L
<u>L2/99-006</u>	Text for FCD ballot of ISO/IEC 14652 - Specification method for cultural conventions	<u>SC22/WG20 N634</u> SC22 N2869	1998-12-21	1244-L
	<i>next mailing [after Palo Alto]</i>			
<u>L2/99-007</u>	Agenda for the NCITS/L2 meeting in Palo Alto, February 5, 1999	Winkler	1998-12-29	admin
<u>L2/99-008</u>	Encoding Egyptian Hieroglyphs in Plane 1 of the UCS [large 3.4 MB PDF file]	Everson SC2/WG2 N1944	1999-01-09	396-D
<u>L2/99-009</u>	Revisions to Annex N of ISO/IEC 10646-1	Everson SC2/WG2 N1893	1998-10-20	396-D
<u>L2/99-010</u>	Minutes of WG2 meeting #35 London, 9/21-25/98 [large 760kB Word document]	Umamaheswaran SC2/WG2 N1903	1998-12-30	396-D
<u>L2/99-011</u>	Revised proposal for encoding the Buginese script in the UCS	Everson SC2/WG2 N1930	1998-11-24	396-D
<u>L2/99-012</u>	Revised proposal for encoding the Glagolitic script in the UCS	Everson SC2/WG2 N1931	1998-11-24	396-D
<u>L2/99-013</u>	Revised proposal for encoding the Phoenician script in the UCS	Everson SC2/WG2 N1932	1998-11-23	396-D
<u>L2/99-014</u>	Revised proposal for encoding the Philippine script in the UCS	Everson SC2/WG2 N1933	1998-11-23	396-D
<u>L2/99-015</u>	Editorial corrigendum on Zones and related features of ISO/IEC 10646-1	Bruce Paterson SC2/WG2 N1934	1998-11-11	396-D
<u>L2/99-016</u>	Editorial corrigenda on CJK compatibility ideographs, and other items	Bruce Paterson SC2/WG2 N1935	1998-11-30	396-D
<u>L2/99-017</u>	Repertoire additions for ISO/IEC 10646-1 Cumulative list No. 8	Bruce Paterson SC2/WG2 N1936	1998-12-01	396-D
<u>L2/99-018</u>	Working group document on GREEK LETTER KOPPA	Everson SC2/WG2 N1938	1998-12-12	396-D
<u>L2/99-019</u>	On encoding the Deseret script in Plane 1 of the UCS	Everson SC2/WG2 N1891	1998-10-16	1313-L
<u>L2/99-020</u>	Preliminary WG2 report to the SC2 plenary in Fukuoka, March 9-15, 1999	Mike Ksar SC2/WG2 N1940	1998-12-15	admin
<u>L2/99-021</u>	Request for addition of Triangular Overlay Character	UTC / McGowan SC2/WG2 N1941	1998-12-07	396-D
<u>L2/99-022</u>	Hangul syllable name rules, proposed for ISO/IEC 10646 2 <sup>nd</sup> edition	Bruce Paterson SC2/WG2 N1942	1998-12-08	396-D
<u>L2/99-023</u>	Revision of 10646-1 Annex T for CJK Unified Ideographs Extension A (draft)	Paterson, Sato SC2/WG2 N1943	1999-01-08	396-D
<u>L2/99-024</u>	Calling notice and agenda for SC2/WG2 meeting in Fukuoka, March 9-15, 1999	Mike Ksar SC2/WG2 N1937 SC2 N3238	1998-12-10	admin
<u>L2/99-025</u>	Addition of the DRACHMA SIGN to the UCS	ELOT / Everson SC2/WG2 N1946	1999-01-20	396-D
<u>L2/99-026</u>	Devanagari--Eyelash RA (third version)	James E. Agenbroad	1999-01-27	396-D
<u>L2/99-027</u>	Towards criteria for encoding symbols (replaces L2/98-311)	Asmus Freytag	1999-01-28	396-D
<u>L2/99-028</u>	Text of ISO/IEC 6937 CD for registration and CD consideration ballot	Simonsen <u>SC2 N3239</u>	1999-01-29	1039-L
<u>L2/99-029</u>	CD registration and consideration ballot for ISO/IEC 6937 (L2/99-028)	Winkler	1999-02-01	admin

Doc. #	Subject	Source	Date	Project
<u>L2/99-030</u>	Summary of voting for ISO 2022 corrigendum #1	SC2 N3236	1999-01-11	105-L
<u>L2/99-031</u>	Summary of voting for ISO/IEC 8859-15 - Latin 9	SC2 N3233	1998-12-22	392-L
<u>L2/99-032</u>	Notice of publication of ISO/IEC TR15285 - An operational model for characters and glyphs	Ed Hart SC2 N3237	1999-01-29	1141-L
<u>L2/99-033</u>	Call for volunteer for IR of L2 (due May 5, 1999)	IT/99-0027	1999-02-05	admin
<u>L2/99-034R</u>	Proposed text for draft UTR#16 and an informative annex on UTF-EBCDIC to ISO/IEC 10646-1	Umamaheswaran	1999-02-02	396-D
<u>L2/99-035</u>	Minutes of the L2 meeting in Palo Alto Feb. 5.1999	Winkler		admin
<u>L2/99-036</u>	Proposal that Myanmar VOWEL SIGN E be stored in phonetic answer (i.e. after its consonants)	Joe Becker	1999-02-02	396-D
<u>L2/99-037</u>	Soft Space in Indic scripts	Maurice Bauhahn	1999-01-26	396-D
<u>L2/99-038</u>	BIDI: Agreed actions from ad hoc meeting	Mark Davis	1999-01-21	UTC
<u>L2/99-039</u>	Changes between UnicodeData-2.1.8 and UnicodeData-2.1.9d2.txt	Ken Whistler	1999-02-04	UTC
<u>L2/99-040</u>	Japanese NB recommendations to JTC1 concerning the activities of SC2	JTC1 N5698	1998-12-30	admin
<u>L2/99-041</u>	Reconsideration recommendation about a prior decision on X3.4 and X3.83	Ed Hart	1999-02-02	12-M 13-M
<u>L2/99-042</u>	UTC-DTR# 10 – Unicode collation algorithm Rev. 2	Davis, Whistler	1998-12-17	1307-L
<u>L2/99-043</u>	Mathematical brace pieces	Murray Sargent	1999-02-04	396-D
<u>L2/99-044</u>	E-mail feedback from Martin Dürst regarding TR #15 - Normalization	Martin Dürst	1999-02-01	UTC
<u>L2/99-045</u>	Proposal to encode mathematical variant tags (supersedes L2/98-406)	Barbara Beeton Murray Sargent	1999-02-04	396-D
<u>L2/99-046</u>	Specification of UTC Resolution on Eyelash RA	Joe Becker	1999-02-04	396-D
<u>L2/99-047</u>	Encoding of the Armenian script in ISO 10646, answer to SC2 N3222 (L2/98-426)	Michel Suignard	1999-02-05	396-D
<u>L2/99-048</u>	C1 controls in the code charts	Umamaheswaran	1999-02-04	396-D
<u>L2/99-049</u>	Status addendum to L2/98-405: mathematical and technical symbols	Barbara Beeton	1999-01-22	396-D
<u>L2/99-050</u>	BIDI ad hoc proposal for Unicode 3.0	Mark Davis	1999-02-04	UTC
<u>L2/99-051</u>	Proposal to UTC for comments on ISO 14651 ballot	Mark Davis	1999-02-04	1307-L
<u>L2/99-052</u>	The math pieces from the symbol font	Asmus Freytag	1999-02-05	396-D

### 3.6.1. UMA: L2/99-034 Rev. – Informative annex to 10646 for UTF-EBCDIC

UMA: In the London meeting the US submitted the first draft of UTF-EBCDIC. The feedback requested to make it a annex to 10646.

Asmus: great fear of proliferation of Transformation Formats. Do a Unicode TR !

Sargent: point to an IBM web site, don't put it on Unicode web site.

Ken: make it an IBM standard and give it to all IBM customers.

Ksar: put it on IBM web site, not as part of IS 10646, yes to UTR.

**Motion Uma, seconded Hart** - 6:4:1 Entertain the idea bringing UTF-EBCDIC forward to WG2.

Ken: the original proposal was submitted as a contribution, but not as annex to 10646

Tex: make a framework for UTFs as criteria –fear of more UTFs should not direct the acceptance of UTF-EBCDIC!

Asmus: postpone to Denmark meeting of WG2 and L2 in Redmond.

Agreement to accept to postpone to WG2 in Denmark (September 1999) with discussion in UTC/L2 in Redmond.

### 3.6.2. Freytag – symbol paper L2/99-027.

Freytag is asking for comments, he wants to submit the paper to WG2.

**Motion Hart, second Michel** : submit the updated version of the document as a US/UTC contribution for consideration and addition to the procedures document of WG2.

Asmus will make Word document available, Mike will post it on the WG2 web.

11:0:1 approved

### **3.7. Approval of agenda [L2/99-007]**

approved with amendments

### **3.8. Next meetings**

June 8-11, 1999	Redmond (Microsoft)
October 26-29, 1999	Mission Viejo (Unisys, date tentatively)
February 2000	IBM South San Jose
June/July 2000	Boston, Progress

## **4. X3.4 and X3.83 issue [98-414, 99-041]**

### **4.1. Recommendation to rescind the vote to withdraw X3.4**

Vote on recommendation 1 of paper L2/99-041: Plan to make it an archived standard. 10:0:0:3

### **4.2. Make X.83 a L2 standing document**

Vote on recommendation 2 of paper L2/99-041: 9:0:1:3

## **5. Ballots**

### **5.1. Ballots to vote :**

L2-Doc	SC22-doc	Subject	Type
98-381	N2844	IS 14651 2 <sup>nd</sup> FCD - International string ordering	FCD (WG20 N619)
99-006	N2869	IS 14652 - Specification method for cultural elements	FCD (WG20 N634)
99-028	<u>N3239</u>	ISO/IEC 6937 CD registration and CD consideration	CD reg. & CD

#### **5.1.1. IS 14651 - International string ordering, FCD ballot [98-381]**

Ken recommends to vote NO with comments

Data table must be fixed, conformance clause must be fixed, a specification how to fix the “backwards” problem should be found (or at least find a way by which a Unicode implementation can be conformant).

Vote recommendation: **NO with comments** (send to L2 only)

Comments will be provided by Ken as the editor.

**L2 vote:** 12:0:0 anonymously accepted

#### **5.1.2. IS 14652 - Specification method for cultural elements [99-006]**

Substantive comments from the US were at least 50% rejected. Most editorial comments were accepted. While the quality of the document has been greatly improved, it is still POSIX centric.

Asmus: insert wording in the introduction that specifies the POSIX and API standard IS 15435 dependability. (Generous lowest common denominator). If this is clearly specified, we could possibly vote for it, until then, we vote NO.

Recommended vote: **NO with comments**

**L2 vote:** 12:0:0 anonymous

Ken wants to write about the SCOPE and asks POSIX specialists to do the scanning for technical errors. Hideki will look for technical errors.

### 5.1.3. ISO/IEC 6937 CD registration and CD consideration [99-028]

Was created to synchronize with 10646 character names. Only editorial changes, no additions of characters. .

Vote recommendation YES

Registration: 5:4:3

CD consideration: 6:2:4

## 5.2. Ballot reports:

L2 voted YES (often with comments) on all of the following ballots

L2-Doc	SC2-doc	Subject	Type
98-317	N3186	AMENDMENT 28: Ideographic description characters	registration
98-317	N3186	AMENDMENT 28: Ideographic description characters	PDAM
98-332	N3213	AMENDMENT 15: Kang Xi radicals and CJK radicals supplement	registration
98-332	N3213	AMENDMENT 15: Kang Xi radicals and CJK radicals supplement	PDAM
98-326	N3207	Amendment 29: Mongolian	Subdivision
98-327	N3208	Amendment 29: Mongolian	registration
98-327	N3208	Amendment 29: Mongolian (+ comments)	PDAM
98-328	N3209	Amendment 30: Additional Latin and other characters	Subdivision
98-329	N3210	Amendment 30: Additional Latin and other characters	registration
98-329	N3210	Amendment 30: Additional Latin and other characters	PDAM
98-330	N3211	Amendment 31: Tibetan Extension	Subdivision
98-331	N3212	Amendment 31: Tibetan Extension	registration
98-331	N3212	Amendment 31: Tibetan Extension	PDAM
98-320	N3192	AMENDMENT 22: Keyboard Symbols	FPDAM
98-320	N3192	AMENDMENT 22: Keyboard Symbols	ANSI standard
98-323	N3198	AMENDMENT 24: Thaana	FPDAM
98-323	N3198	AMENDMENT 24: Thaana	ANSI standard
98-324	N3201	AMENDMENT 25: Khmer	FPDAM
98-324	N3201	AMENDMENT 25: Khmer	ANSI standard
98-325	N3203	AMENDMENT 26: Myanmar	FPDAM
98-325	N3203	AMENDMENT 26: Myanmar	ANSI standard
98-322	N3196	AMENDMENT 27: Syriac	FPDAM
98-322	N3196	AMENDMENT 27: Syriac	ANSI
98-318	N3188	AMENDMENT 18: Symbols and Others	FDAM
98-318	N3188	AMENDMENT 18: Symbols and Others	ANSI
98-319	N3190	AMENDMENT 21: Sinhala	FDAM
98-319	N3190	AMENDMENT 21: Sinhala	ANSI
98-321	N3194	AMENDMENT 23: Bopomofo Extended and other characters	FDAM
98-321	N3194	AMENDMENT 23: Bopomofo Extended and other characters	ANSI
98-333	N3215	AMENDMENT 14: Yi syllables and YI radicals	FPDAM
98-333	N3215	AMENDMENT 14: Yi syllables and YI radicals	ANSI
98-334	N3220	AMENDMENT 17: CJK Unified Ideograph Extension	FPDAM
98-334	N3220	AMENDMENT 17: CJK Unified Ideograph Extension	ANSI
	<b>SC22</b>		
98-382	N618	TR 10176 - Guide for programming language standards, Amendment #1 (Annex A table)	subdivision 22.13
98-382	N618	TR 10176 - Guide for programming language standards, Amendment #1 (Annex A table)	TR AMD#1 registration
98-382	N618	TR 10176 - Guide for programming language standards, Amendment #1 (Annex A table)	TR AMD#1 PDTR ballot
98-379	N599R	Liaison between Unicode and SC22/WG20	Liaison

## 5.3. Request for comments on registration :

L2-Doc	SC22-doc	Subject	Type
<u>99-003</u>	N3232	Application for registration #226 - Romanian	Registration

We see no need for registration of yet another 8-bit character set, but we have no technical comments.

## **6. U.S. Positions for the SC2 meetings**

### **6.1. SC2/WG2 (Fukuoka, March 1999)**

See the motions from the L2/UTC meeting in L2/99-053 for status on the following subjects

- 6.1.1. Weierstrass symbol [98-411]**
- 6.1.2. C1 [99-048]**
- 6.1.3. Eyelash RA [99-046]**
- 6.1.4. Myanmar [99-036]**
- 6.1.5. UTF EBCDIC [99-034]**
- 6.1.6. Mathematical braces [99-043]**
- 6.1.7. Mathematical variants [99-045]**
- 6.1.8. Armenian answer [99-047]**

### **6.2. SC2/WG3 (Copenhagen, September 1999)**

- 6.2.1. Alternative to 32 graphic characters in columns 8&9 of ISO 2022 [98-225]**

Not discussed in this meeting. Postponed to Redmond.

- 6.2.2. Proposed NP for ISO/IEC 8859-16 - Latin #10 for Romania [98-422]**

Not discussed in this meeting. Postponed to Redmond.

## **7. Delegates to SC2 and SC22/WG20 meetings**

### **Reconfirm:**

#### **7.1. Delegates to SC2/WG2 in Japan, March 1999**

Whistler, ~~Winkler~~, Suignard, Hiura; Freytag as liaison from Unicode - Winkler will not go to Japan

#### **7.2. Delegates to SC2 plenary in Japan, March 1999**

~~Whistler, Winkler~~, Suignard, Ksar, Hiura – Ken will not stay for SC2, add Hiura.

#### **7.3. Delegates to SC2/WG2 IRG meeting, May 1999 in HongKong**

Huira, Kung, Yang, Jenkins

#### **7.4. Delegates to SC22/WG20 in Malvern, USA, May 3-7, 1999**

Whistler, Texin, Buchta, add Davis

### **New:**

#### **7.5. Delegates to SC22 Plenary in Berlin, September 20-24, 1999**

Winkler as chair of WG20

#### **7.6. Delegates to SC2/WG2 in Denmark, September 20-24, 1999**

Whistler, Suignard, Ksar, Hiura, Freytag

#### **7.7. Delegates to SC2/WG3 in Denmark, September 27-28, 1999**

Suignard, Whistler, Winkler

#### **7.8. Action against overlap of SC2 and SC22 meetings in September ?**

The meetings SC22 plenary in Berlin and SC2/WG2 in Denmark overlap (September 20-24, 1999). Is there a possibility to shift the SC2 meetings to an earlier or later date to avoid the overlap - effecting Keld, Alain, Arnold, van Wingen, possibly more ...

Mike Ksar plans to move the WG2 meeting to Sept. 13-17.

## **8. Other**

### **8.1. *Cultural and Linguistic Adaptability and User Interface* [L2/98-424]**

For information only.

## **9. Voting on joint UTC/L2 meeting recommendations**

Anonymously accepted. Asmus/Ksar

## **10. Adjournment**

The meeting was adjourned.

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