

**ISO/IEC JTC 1/SC 2  
Coded Character Sets  
Secretariat: [Japan \(JISC\)](#)**

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<b>TITLE</b>	Report of the 13th Plenary Meeting of ISO/IEC JTC 1/SC 2 held in Markham, Ontario, Canada, 2004-06-24/25	
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## **Report of the 13th Plenary Meeting of ISO/IEC JTC 1/SC 2**

### **1. Opening of Meeting**

The 13th Plenary Meeting of ISO/IEC JTC 1/SC 2 was held in Markham, Ontario, Canada on 24<sup>th</sup> June 2004. Prof. Kohji Shibano, Chairman of SC 2, opened the meeting at 15 p.m.

Prior to the plenary, the Ad hoc group meeting on Disposition of Comments for ISO/IEC 14651/PDAM 2 was held, chaired by Mr. Alain LaBonté, Project Editor.

### **2. Roll call of delegates**

The meeting had 26 participants from the following National Bodies and Liaison organization: Canada, China, Finland, France (by proxy), Germany, Iran, Ireland, Japan, Republic of Korea, Lithuania, Morocco, Poland, Sweden (by proxy), USA and Unicode consortium. Attendance list is attached to SC 2 N 3755.

### **3. Remarks by host**

On behalf of the National Body of Canada, Dr. Umamaheswaran, welcomed the delegates.

### **4. Adoption of Agenda**

The final draft agenda in Document N 3743 rev. (attached to this report) was adopted without modifications.

### **5. Appointment of Drafting Committee**

Mr. Errki Kolehmainen (Finland), Mr. Keld Simonsen (Norway), Mr. Tatsuo Kobayashi (Japan) and Mr. Mike Ksar (WG 2 Convener) were appointed as the drafting committee members and supported the Chairman and Secretary.

### **6. Results from the 12th SC 2 Plenary Meeting**

There was no comment on the resolutions and report (SC2 N 3668, N 3675) of the 12<sup>th</sup> plenary held in Tokyo, Japan, 2002-12.

In relation to the past SC 2 plenary resolutions, it was decided to ask JTC 1 to request ISO and IEC to make ISO/IEC 10646 freely available since most of the information of the standard is on the Unicode website and the situation was felt to fit the ISO and IEC criteria for free availability of JTC 1 standards. ISO/IEC 14651 was also in the same situation; therefore the standard was added to the request.

[Note: The request from SC 2 to make SC 2 standards freely available was approved by Resolution 32 of the JTC 1 Ottawa JTC 1 plenary in 1997. However, the request was not elevated to ISO and IEC level pending that JTC 1 prepares its criteria for free availability of standards.]

### **7. Review of Secretariat Report**

Document SC 2 N 3737 was reviewed. It was commented that the title, area of work, and programme of work of WG 2 were outdated. To reflect the recent publication of ISO/IEC 10646: 2003 and others changes, it was resolved to update them. Resolution M13.04.

It was also proposed to modify the scope of SC 2 to clearly include the “sorting ordering” project which was transferred from SC 22. It was resolved to seek JTC 1 approval at its next plenary. Resolution M13.02.

### **8. Reports and Review of JTC 1 Activities Affecting SC 2**

#### **8.1 JTC 1 Singapore plenary**

Resolutions from the JTC 1 Singapore meeting (SC 2 N 3705) were reviewed.

## **8.2 JTC 1 Ad Hoc Group on "JTC 1 Vocabulary" (ISO/IEC 2382)**

The invitation from the JTC 1 to participate in this ad hoc group was reviewed. There was no volunteer for SC 2 representative. More information was needed to decide as to whether SC 2 sends a representative to this group.

## **9. Review of SC 2 Business Plan**

SC 2 N 3694 contained the SC 2 Business plan submitted by Prof. Shibano to the JTC 1 Singapore plenary. The Chairman asked the SC 2 members to provide Mr. Kobayashi, new chairman of SC 2, with any input to his Business plan for the next JTC 1 Berlin plenary.

## **10. Status of 14651 projects**

### **10.1 Progress of ISO/IEC 14651/PDAM 2**

Mr. Alain LaBonté, Project Editor, reported that disposition of comments on PDAM 2 was completed at the ad hoc meeting held before this plenary and recommended that PDAM 2 be progressed to FPDAM ballot. (Resolution M13.08)

### **10.2 Project Assignment**

Discussion was held based on the three NB contributions, N 3725 (Canada), N 3740 (Ireland), N 3741 (USA). The NB positions were split over creating a new WG or assigning the project to WG 2. The Swedish position (by proxy) was to decide by ballot, not at the meeting. After the discussion, the chairman proposed to place the project directly under SC 2 as a compromise solution. The proposal was accepted. (Resolution M13.07)

## **11. Working Group Activities**

### **11.1 WG 2 - Multiple octet codes**

#### **11.1.1 Report of WG 2 Activities**

Mr. Mike Ksar, WG 2 Convener, reported the WG 2 activities since the last SC 2 plenary meeting based on document N 3701, N 3746 and N 3747. He summarized the achievements and projects completed and published as amendments since the last SC2 plenary in December 2002 as follows:

- SC2/WG2 held two meetings since the last SC2 plenary; one in October 2003 in California and the other in June 2004 in Toronto,
- Published ISO/IEC 10646:2003 as a single document after several months of delay at ISO Central Secretariat with a publication date of 2003-12-15,
- Balloted and approved on 2004-05-04, combined PDAM Registration and Consideration Ballot: ISO/IEC 10646: 2003/Amd 1 -- AMDNDMENT 1: Glagolitic, Coptic, Georgian and other characters – character count = 810,
- Completed disposition of comments on FPDAM1 ISO/IEC 10646:2003,
- Started work on Amendment 2.

#### **11.1.2 Report of Ideographic Rapporteur Group**

Dr. Lu-Qin, new IRG Rapporteur presented N 3748 and reported the IRG activities since the last SC 2 plenary as follows:

- The huge amount submissions for CJK Unified Ideographs Extension C (C1) are processed. The CJK\_C1 is planned to be finalized in IRG#23 to be held in Korea .
- Icore (International Ideographic Core), the International CJK Basic Subset is getting mature and submitted to WG2 for inclusion as an Annex of 10646.

The following items were proposed via WG 2 and approved.

- Expansion of the IRG scope to include Old Hanzi and CJK strokes (Resolution M13.05)
- Appointment of Dr. Lu Qin as the new Rapporteur of the IRG (Resolution M13.17)

#### **11.1.3 Discussion/Action on WG 2 Projects**

1) Progress of ISO/IEC 10646/PDAM 1

SC 2 approved the WG 2 recommendation M45.15 and resolved to progress PDAM to FPDAM (Resolution M13.09).

**2) NP/Subdivision, Project modification proposals**

SC 2 approved the WG 2 recommendation M45.20 and resolved to create a subproject for Amd 2 to ISO/IEC 10646: 2003. (Resolution M13.10.)

**3) Defect Report**

Document: N 3711

This defect report was handled by WG 2.

**4) Target Dates Review**

The approved targets dates (completion) are as follows:

ISO/IEC 10646: 2003/Amd 1: FPDAM: 2004-11, FDAM 2005-08

ISO/IEC 10646: 2003/Amd 2: PDAM 2004-12-15, FPDAM: 2005-06-15, FDAM: 2005-12.

ISO/IEC 14651/Amd 2: FPDAM: 2004-10, FDAM: 2005-02

**11.2 WG 3 - 7-bit and 8-bit codes and their extension**

**11.2.1 Report of WG 3 Activities**

The WG 3 Convener, Mr. Melagrakis was absent and no report was presented.

**11.2.2 Discussion/Action on WG 3 Projects**

**1) NP/Subdivision, Project modification proposals**

**a) ISO/IEC 6937**

The Romanian proposal in SC 2 N 3739 was reviewed and resultant Resolution is M13.11.

**2) Defect Report**

There was no defect report.

**3) Target Dates Review**

Since there is no active project under the responsibility of WG 3, it was resolved to disband it. Appreciation to Mr. Melagrakis and the Greek NB was recorded. (Resolution M13.06)

**12. Registration Authority Matters**

**12.1 Report of the Registration Authority**

The report of the registration authority for ISO/IEC 2375 in N 3738 was presented.

**12.2 Appointment of RA Joint Advisory Committee members**

The Joint Advisory Committee members of RA were appointed as in Resolution M 13-14. Mr. Senda was replaced by Mr. Yamazaki.

**13. Activity Reports from National Bodies**

Canada: Sponsoring French version of ISO/IEC 10646: 2003.

Korea: Korean version of ISO/IEC 10646-1 has been published.

US: synchronizing its work with the Unicode Consortium

Ireland: Participated in 10646 activities

Finland: Finish National committee was re-activated this year.

Poland: Polish version of ISO/IEC 2375 is under preparation.

**14. Reports and Review of Liaison Activities**

**14.1 Liaisons within ISO/IEC**

A request from JTC 1/SC 22 regarding character identifiers in Document N3744 was reviewed. SC 2 approved the WG 2 recommendation M45.23 and resolved to forward it to SC 22 as its response. Other SCs submitted no reports and there was no discussion.

**14.2 External Liaisons**

The Unicode consortium presented its report in Document N 3749. The liaison officer reported some of the activities of ISOC/IETF and W3C.

#### **14.3 Confirmation/Appointment of Liaison Officers**

SC 2 confirmed its liaison officers as in Resolution M13.20.

#### **15 Recommendation for JTC 1 Periodical Review**

##### **15.1 Stabilized standards:**

SC 2 decided to recommend to JTC 1 to put all the eligible SC 2 standards in the stabilized status except ISO/IEC 10538 which was not in use. The Secretariat was instructed to complete the list of proposed stabilized standards as N 3751 and submit it to JTC 1 for approval. (Resolution M13.13).

##### **15.2 and 3 Recommendation for 2005 and 2006 JTC 1 Review**

Document N 3723 and N 3724 were reviewed and SC 2 resolved to recommend to JTC 1 as in Resolution M13.12.

#### **16 Appointment of Conveners, Rapporteur and Project Editors**

##### **16.1 Convener**

Mr. Ksar was reappointed for an additional three year term. His national body endorsement was contained in Document N 3745.

##### **16.2 IRG Rapporteur**

In replacement of Mr. Zhang Zhoucai who served as the IRG Rapporteur from 1995-02 to 2004-06. Dr. LU Qin was newly appointed. (Resolution M13.17)

##### **16.2 Project Editors/Contributing Editors**

Mr. Michel Sugnard was re-appointed for 10646. Mr. Alain LaBonté was newly appointed for 14651 (Resolution M13.18). Contributing editors were also appointed/confirmed as in Resolution M13-19.

#### **17 Endorsement of New Chairman**

SC 2 endorsed the Japanese nomination, Mr. Tatsuo Kobayashi, and resolved to send it to JTC 1 for appointment.

#### **18 SC 2 Web Site Review**

The SC 2 Secretariat noticed that as the DKUUG continues to provide its server for SC 2 and WG 2 use, she will continue to use the site for SC 2. Since JTC 1 and some of its SCs are migrating to the ISO/TC server, SC 2 might need to consider moving to the ISO/TC server in the future, but not now.

#### **19. Subsequent Meetings**

SC 2 plenary, WG 2 and IRG meeting schedule was confirmed as in Resolution M13.21.

#### **20 Any Other Business**

There was no other business.

#### **21 Approval of Resolutions**

All the resolutions were adopted. The adopted resolutions are contained in SC 2 N 3755.

#### **22 Concluding Remarks by Chairman**

The term of office of Professor Shibano as the Chairman ended at this meeting. At this opportunity, he summarized the notable accomplishments of SC 2 during his term since his appointment as the acting chair in 1996 as follows:

- SC 2 has gained a solo responsibility for development of coded character sets in ISO,

IEC with the transfer of coded character set standards for information documentation developed by ISO/TC 46. Also, with the ISO/IEC 10646 development, de-jure and de-facto separation existed in the market place has been resolved.

- SC 2 revised a series of SC 2 standards developed in the past and made them consistent with ISO/IEC 10646 character names.
- The SC 2 operation has become transparent with the JTC 1 directives based operation (proper disposition of comments process, establishment of target dates, presentation of roadmap for ISO/IEC 10646 development etc.)
- SC 2 keeps strong participation from many national bodies at both WG and RG levels. SC 2 has big advantage from other standards development groups having real regional power.

Finally, he emphasized the importance of compatibility of character names and code points in SC 2 standards and asked SC 2 to ensure it.

### **23 Closure of the Meeting**

The meeting was closed at 12:30 p.m., 25<sup>th</sup> June 2004.

# ISO/IEC JTC 1/SC 2 N 3743 Rev.

DATE: 2004-06-24

ISO/IEC JTC 1/SC 2  
Coded Character Sets  
Secretariat: [Japan \(JISC\)](#)

DOC. TYPE	Meeting Agenda	
TITLE	Final Draft Agenda for the 13th Plenary Meeting of ISO/IEC JTC 1/SC 2 to be held in Markham, Ontario, Canada, 2004-06-24/25, (including Ad hoc Meeting on Disposition of Comments for ISO/IEC 14651/PDAM 2)	
SOURCE	Secretariat, ISO/IEC JTC 1/SC 2	
PROJECT		
STATUS	For approval and use at the 13th Plenary meeting of SC 2 to be held in Markham, Canada, 2004-06-24/25. Please note that the ad hoc meeting on Disposition of Comments for 14651/PDAM 2 will be held at the beginning of this meeting starting at 13:00 followed by the plenary session starting at 14:30 on 24th June, 2004.	
ACTION ID	ACT	
DUE DATE		
DISTRIBUTION	P, O and L Members of ISO/IEC JTC 1/SC 2 ; ISO/IEC JTC 1 Secretariat; ISO/IEC ITTF	
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Secretariat ISO/IEC JTC 1/SC 2 - IPSJ/ITSCJ \*(Information Processing Society of Japan/Information Technology Standards Commission of Japan) Room 308-3, Kikai-Shinko-Kaikan Bldg., 3-5-8, Shiba-Koen, Minato-ku, Tokyo 105-0011 Japan \*Standard Organization Accredited by JISC  
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Meeting Location:  
IBM Toronto Software Lab Training Centre  
8200 Warden Avenue,  
Markham, Ontario  
L6G 1C7  
+1 905 413 3523 (IBM Security)

**I. Ad hoc on Disposition of Comments on ISO/IEC 14651/PDAM 2 (13:00 p.m.) Mr. A. LaBonte**

Document: [N 3710 \(E\)](#), [N 3719 \(F\)](#), [N 3721](#), [N 3732](#), [N 3733](#), [N 3734](#), [N 3735](#), N 3742

## II. Plenary

1. Opening of Meeting (14:30 p.m.) Prof. K. Shibano

2. Roll call of delegates

3. Remarks by host

3.1 Administrative and Logistic Arrangements

4. Adoption of Agenda

Document: N 3743 Rev.

5. Appointment of Drafting Committee

6. Results from the 12th SC 2 Plenary Meeting

Document: [N 3668](#), [N 3675](#)

7. Review of Secretariat Report

Document: [N 3737](#)

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8. Reports and Review of JTC 1 Activities Affecting SC 2

8.1 JTC 1 Singapore Plenary

Document: [N 3705 \(Resolutions\)](#)

8.2 JTC 1 Ad Hoc Group on "JTC 1 Vocabulary" (ISO/IEC 2382)

Document: [N 3722](#)

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9. Review of SC 2 Business Plan

Document: [N 3694](#)

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10. Status of 14651 projects

10.1 Progress of ISO/IEC 14651/PDAM 2

10.2 Project Assignment

Document: [N 3725 \(Canada\)](#), [N 3740 \(Ireland\)](#), [N 3741 \(USA\)](#)

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11. 1. Working Group Activities

11.1 WG 2 - Multiple octet codes

11.1.1 Report of WG 2 Activities

Mr. Mike Ksar

Document: [N 3701\(Resolutions of 44th Meeting\)](#), N 3746 (Resolutions of 45th Meeting), N 3747 (WG 2 Report)

11.1.2 Report of Ideographic Rapporteur Group Mr. Zhang, Zhoucai

Document: [N 3748](#)

11.1.3 Discussion/Action on WG 2 Projects

1) Progress of ISO/IEC 10646/PDAM 1

2) NP/Subdivision, Project modification proposals

3) Defect Report  
Document: [N 3711](#)

4) Target Dates Review

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## **11.2 WG 3 - 7-bit and 8-bit codes and their extension**

**11.2.1 Report of WG 3 Activities**      Mr. E. Melagrakis

### **11.2.2 Discussion/Action on WG 3 Projects**

1) NP/Subdivision, Project modification proposals  
a) ISO/IEC 6937  
Document: [N 3739 \(Romania\)](#)

2) Defect Report

3) Target Dates Review

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## **12. Registration Authority Matters**

### **12.1 Report of the Registration Authority**

Document: [N 3738](#)

### **12.2 Appointment of RA Joint Advisory Committee members**

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## **13. Activity Reports from National Bodies**

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## **14. Reports and Review of Liaison Activities**

### **14.1 Liaisons within ISO/IEC**

a) ISO/IEC JTC 1/SC 22 Programming Languages, Their Environments and System Software Interfaces  
Document: [N3744 \(Request for Character Identifiers\)](#)

b) ISO/IEC JTC 1/SC 31 Automatic Data Capture

c) ISO/IEC JTC 1/SC 32 Data Management Services

d) ISO/IEC JTC 1/SC 35 User Interface

e) ISO/TC 46/SC 4 Computer applications in information and documentation

f) ISO/TC 211 Geographic information/Geomatics

### **14.2 External Liaisons**

a) Unicode consortium  
Document: [N 3749](#)

b) ISOC/IETF

c) W3C

**14.3 Confirmation/Appointment of Liaison Officers**

Document: [N 3737, 1.9](#)

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**15 Recommendation for JTC 1 Periodical Review**

**15.1 Recommendation for Stabilized Standards**

Document: [N 3737, 3](#), [N 3751](#)

**15.2 Recommendation for 2005 JTC 1 Review**

Document: [N 3723](#)

**15.3 Recommendation for 2006 JTC 1 Review**

Document: [N 3724](#)

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**16 Appointment of Conveners, Rapporteur and Project Editors**

**16.1 Convener**

Document: [N 3745](#)

**16.2 IRG Rapporteur**

**16.2 Project Editors/Contributing Editors**

Document: [N 3737, 1.7 and 1.8](#)

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**17 Endorsement of New Chairman**

Document: [N 3726](#)

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**18 SC 2 Web Site Review**

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**19 Subsequent Meetings**

Document: [N 3737, 2](#)

**19.1 Plenary meetings**

**19.2 WG meetings**

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**20 Any Other Business**

**21 Approval of Resolutions**

**22 Concluding Remarks by Chairman**

**23 Closure of the Meeting**