ISO/IEC JTC 1/SC 2 N 3615

DATE: 2002-06-11

L2/02-245

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

DOC. TYPE	Summary of Voting/Table of Replies
TITLE	Summary of Voting on SC 2 N 3592: FCD 2375, Information technology -- Procedure for registration of escape sequences and coded character sets
SOURCE	SC 2 Secretariat
PROJECT	JTC 1.02.04.00.00.04
STATUS	The ballot results in this document are forwarded to Project Editor for resolution of comments. The Project Editor is requested to prepare a disposition of comments report, revised text and a recommendation for further processing.
ACTION ID	FYI
DUE DATE	
DISTRIBUTION	P, O and L Members of ISO/IEC JTC 1/SC 2 ; ISO/IEC JTC 1 Secretariat; ISO/IEC ITTF
ACCESS LEVEL	Def
ISSUE NO.	141
FILE	**NAME** 02n3615.pdf **SIZE (KB)** **PAGES** 8

Summary of Voting on ISO/IEC JTC 1/SC 2 N 3592 : FCD 2375, Information technology -- Procedure for registration of escape sequences and coded character sets					
Q1 : FCD Consideration					
	Q1			Not yet voted	Comments Reasons
	Approve	Disapprove	Abstention		
P-Member					
Armenia				X	
Austria				X	
Belgium				X	
Canada	X				
China	X				
Denmark			X		
Egypt	X				
Finland	X				
France			X		
Germany	X				
Greece				X	
Iceland				X	
India				X	
Iran, Islamic Republic of				X	
Ireland	X				
Israel				X	
Italy	X				
Japan		X#			Attachment 1
Korea, Democratic People's Republic				X	
Korea, Republic of	X				
Mongolia				X	
Morocco	X				
Netherlands	X				
Norway	X				
Poland	X				
Romania	X				
Russian Federation				X	
Singapore				X	
Slovenia				X	
Sweden			X		
Thailand				X	
Tunisia				X	
Turkey				X	
USA	X*				Attachment 2
Yugoslavia				X	
Total (35)	**14**	**1**	**3**	**17**	

*: Approve with comments
#: Acceptance of the reasons and appropriate changes in the text will change the vote to approval.

Sweden

No experts available

TITLE: Vote on the FCD 2375
SOURCE: SC2 Japanese National Body
DATE: 2002-05-28

Japan disapproves the FCD 2375 (SC2 N3592) with the following comments. When these comments are accepted, Japan will change its vote approval.

MAJOR TECHNICAL COMMENTS:

J-1.   Clause 11.2.1

Insert ", which belongs to the subcommittee concerned with coded character sets, " after "(RA-JAC)" at the second line.

RATIONALE:

RA-JAC is the organ defined only in this standard. Therefore, this standard shall also define its position in the structure of JTC 1. Japan supposes that RA-JAC is subordinate to SC2.

J-2.   A.1.1.1

Delete "-- 8-bit coded graphic character set".

RATIONALE:

ISO/IEC 2022 does not have any First Intermediate Bytes to designate an 8-bit coded graphic character set.

J-3.   Annex D

Since J-2, delete Clause D.2. Any code tables for 8-bit graphic character sets shall not be used neither in an application for registration nor in The International Register. It causes to change Clause A.1.2.1.1 of Annex A.

J-4.   Clause 13.6

Delete "and the mapping" in the first paragraph. And delete whole of the third paragraph "When difficulties with the mapping …. in accordance with clause 14.".

RATIONALE:

A mapping in an application for registration is an inseparable portion of the application itself; moreover, Registration Procedure and Evaluation of Mapping shall be in a single thread of tasks of the Registration Authority.

J-5.   Annex F

Since J-4, Japan proposes a revised flow chart (see the attachment).

OTHER COMMENTS:

J-6.   Contents

Change "14 Technical review of mapping to 1SO/IEC 10646" for "14 Evaluation of mapping to ISO/IEC 10646".

J-7.   Contents

Change "Annex A: International register" for "Annex A: Details of registrations".

J-8.   Clause 3

Change "ISO/IEC 6937:1994" for "ISO/IEC 6937: 2001".

J-9.   Clause 5, 5.1, 5.2 and 7.2.1

Describe what The International Register is in Clause 5, and harmonize the long name for "The International Register" with ISO/IEC 2022 and the existing International Register.

-- In Clause 7.2.1, "ISO/IEC 2375 register of the meanings assigned to escape sequences"

-- In ISO/IEC 2022: 1994, "The ISO International register of coded character sets to be used with escape sequences"

-- Title of the existing International Register, "INTERNATIONAL REGISTER OF CODED CHARACTER SETS TO BE USED WITH ESCAPE SEQUENCES"

Japan proposes to rewrite these clauses as follows:

---

5 The International Register

In this international standard, The International Register (IR) stands for the International Register of coded character sets to be used with escape sequences.

5.1 Content of The International Register

The International Register shall consist of three parts: a set of registration, mapping tables associated with registration, and indices to the registrations.

5.2 Format of The International Register

The International Register shall be available…. *(Same as this FCD)*

7.2.1 The Registration Authority shall maintain The International Register.

J-10.   Clause 5.4

Change the fifth bullet for "-- whether the coded character set has a mapping to ISO/IEC 10646 or not".

RATIONALE:

Though the Japanese comment J-34 for the 2nd CD 2375 was accepted at the disposition of comments, it is not applied into this FCD.

Remark: J-34 for the 2nd CD had a mistake. It should have been for Clause A.5 of the 2nd CD rather than for Clause A.4.13.

J-11.   Clause 6

Change "ISO/IEC JTC1/SC2" for "ISO/IEC JTC 1/SC 2". (Insert spaces.) Check through all of the text.

J-12.   Clause 7.1.1

Change "appointed by ISO" for "appointed by ISO and IEC".

J-13.   Clause 10.1.1

Change "-- any member body of ISO or IEC" for "-- any national body of ISO or IEC".

RATIONALE:

ISO/IEC Directives, Part 1 Procedures for the technical work calls "national body".

J-14. Clause 12.1.1

Change "cover sheet" in the first paragraph for "cover page".

J-15. Clause 12.1.4

Delete "to" after "The Sponsoring Authority may".

J-16. Clause 13.5

Change "If the registration includes a mapping…" for "If the application for registration includes a mapping…".

J-17. Clause 16.5.4

Change "…for vote according to the Directives for the technical work of ISO/IEC" for "…for vote according to the Directives for the technical work of ISO/IEC JTC 1".

J-18. Clause 18.2.3

Change "if it been been submitted" for "if it had been submitted".

J-19. Annex A, Clause A.1.2.1.2

Change "For C0 sets the layout of the tables should be that shown in annex 0." for "…. shown in annex D.5.".

J-20. Annex A, Clause A.2.11

Change "the character tabulation control character of ISO/IEC 6429" in the second bullet for "the control character HT (CHARACTER TABULATION) of ISO/IEC 6429".
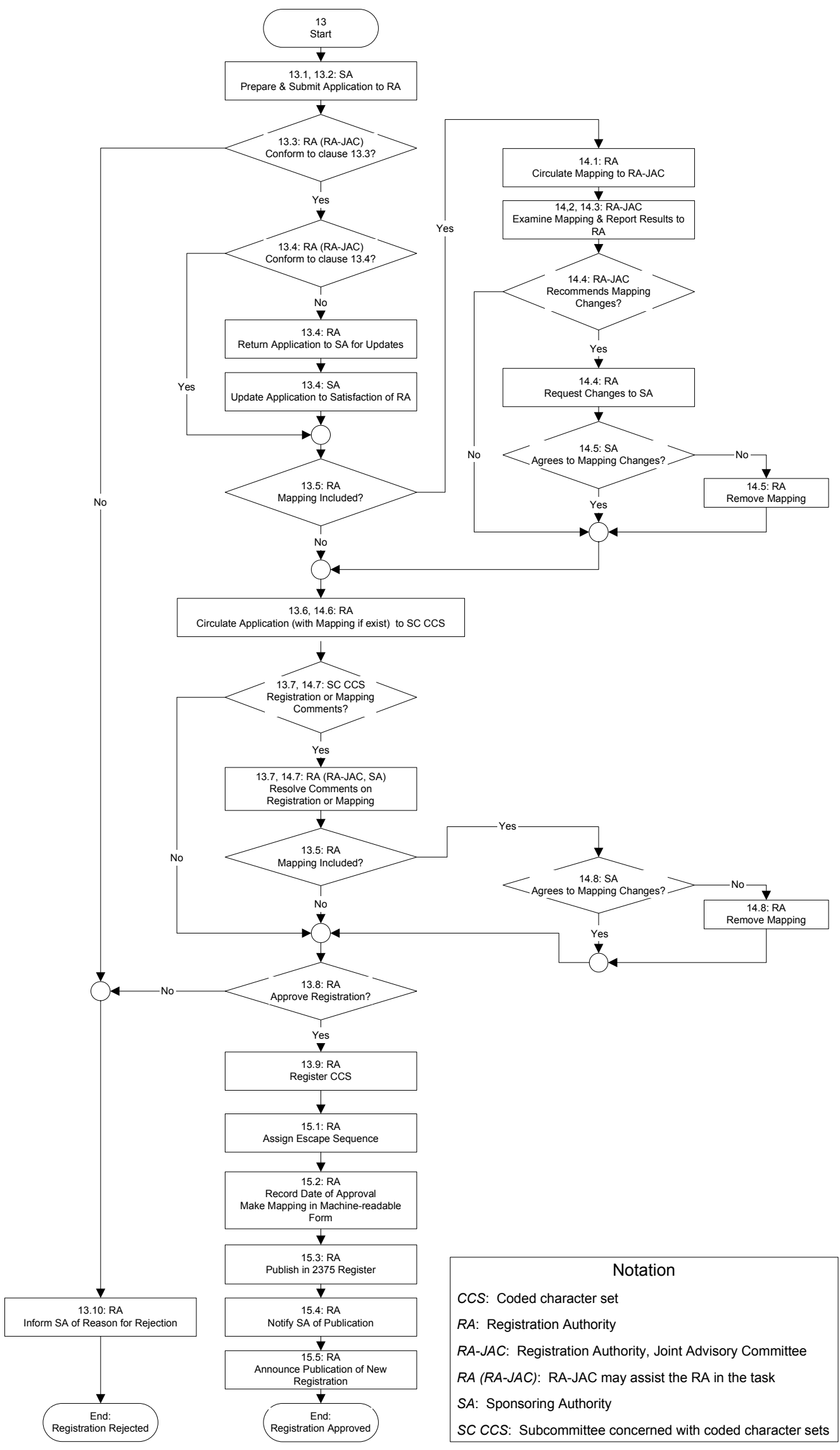
RATIONALE:

Character names shall be capitalized. In addition, an acronym HT for CHARACTER TABULATION is used in the fourth bullet.

J-21. Annex G

Change '-- Clause 14, "Technical review of registration applications"' in the second bullet for '-- Clause 14, "Evaluation of mapping to ISO/IEC 10646"'.

---End---

```
                                    ┌──────────────┐
                                    │      13      │
                                    │    Start     │
                                    └──────┬───────┘
                                           │
                              ┌────────────┴────────────┐
                              │  13.1, 13.2: SA         │
                              │  Prepare & Submit        │
                              │  Application to RA       │
                              └────────────┬────────────┘
                                           │
                              ◇ 13.3: RA (RA-JAC)                    ┌────────────────────┐
                              ◇ Conform to clause 13.3? ◇            │  14.1: RA          │
                                    │                        Yes────│  Circulate Mapping │
                                   Yes                               │  to RA-JAC         │
                                    │                                └─────────┬──────────┘
                              ◇ 13.4: RA (RA-JAC)                    ┌─────────┴──────────┐
                              ◇ Conform to clause 13.4? ◇            │ 14.2, 14.3: RA-JAC │
                                    │                               │ Examine Mapping &  │
                                   No                               │ Report Results to RA│
                                    │                                └─────────┬──────────┘
                         ┌──────────┴──────────┐                    ◇ 14.4: RA-JAC
                         │ 13.4: RA            │                    ◇ Recommends Mapping ◇
                         │ Return Application  │                    ◇ Changes?
                         │ to SA for Updates   │                         │
                         └──────────┬──────────┘                        Yes
                         ┌──────────┴──────────┐                         │
                         │ 13.4: SA            │            ┌────────────┴───────────┐
               Yes       │ Update Application  │            │ 14.4: RA               │
                │        │ to Satisfaction of RA│           │ Request Changes to SA  │
                │        └──────────┬──────────┘            └────────────┬───────────┘
                │                   ●                        ◇ 14.5: SA
                │                                            ◇ Agrees to Mapping ◇──No──┐
                │        ◇ 13.5: RA                          ◇ Changes?                 │
                │        ◇ Mapping Included? ◇               │              ┌───────────┴──┐
                │              │                            Yes             │ 14.5: RA     │
               No             No                             │              │ Remove Mapping│
                │              │                             ●◄─────────────┴──────────────┘
                │              ●
                │
                │   ┌──────────────────────────────────────┐
                │   │ 13.6, 14.6: RA                        │
                │   │ Circulate Application (with Mapping   │
                │   │ if exist) to SC CCS                   │
                │   └────────────────┬─────────────────────┘
                │                    │
                │        ◇ 13.7, 14.7: SC CCS
                │        ◇ Registration or Mapping ◇
                │        ◇ Comments?
                │              │
                │             Yes
                │   ┌──────────┴───────────────┐
                │   │ 13.7, 14.7: RA (RA-JAC, SA)│
                │   │ Resolve Comments on       │
                │   │ Registration or Mapping   │
                │   └──────────┬───────────────┘
                │        ◇ 13.5: RA                    ◇ 14.8: SA
                │        ◇ Mapping Included? ◇──Yes──◇ Agrees to Mapping Changes? ◇──No──┐
                │              │                             │                ┌──────────┴──┐
               No             No                            Yes               │ 14.8: RA    │
                │              ●◄───────────────────────────●◄────────────────┤ Remove Mapping│
                │                                                             └─────────────┘
                ●◄──No──◇ 13.8: RA
                │        ◇ Approve Registration? ◇
                │              │
                │             Yes
                │   ┌──────────┴───────┐
                │   │ 13.9: RA         │
                │   │ Register CCS     │
                │   └──────────┬───────┘
                │   ┌──────────┴───────┐
                │   │ 15.1: RA         │
                │   │ Assign Escape    │
                │   │ Sequence         │
                │   └──────────┬───────┘
                │   ┌──────────┴───────┐
                │   │ 15.2: RA         │
                │   │ Record Date of   │
                │   │ Approval Make    │
                │   │ Mapping in       │
                │   │ Machine-readable │
                │   │ Form             │
                │   └──────────┬───────┘
                │   ┌──────────┴───────┐
                │   │ 15.3: RA         │
                │   │ Publish in 2375  │
                │   │ Register         │
                │   └──────────┬───────┘
   ┌────────────┴──────┐   ┌──────────┴───────┐
   │ 13.10: RA         │   │ 15.4: RA         │
   │ Inform SA of      │   │ Notify SA of     │
   │ Reason for        │   │ Publication      │
   │ Rejection         │   └──────────┬───────┘
   └────────────┬──────┘   ┌──────────┴───────┐
                │          │ 15.5: RA         │
                │          │ Announce         │
                │          │ Publication of   │
                │          │ New Registration │
                │          └──────────┬───────┘
        ┌───────┴───────┐     ┌────────┴────────┐
        │   End:        │     │   End:          │
        │ Registration  │     │ Registration    │
        │ Rejected      │     │ Approved        │
        └───────────────┘     └─────────────────┘
```

┌───┐
│   Notation   │
│   │
│ *CCS*: Coded character set   │
│   │
│ *RA*: Registration Authority   │
│   │
│ *RA-JAC*: Registration Authority, Joint Advisory Committee │
│   │
│ *RA (RA-JAC)*: RA-JAC may assist the RA in the task   │
│   │
│ *SA*: Sponsoring Authority   │
│   │
│ *SC CCS*: Subcommittee concerned with coded character sets │
└───┘

US National Body to Approve with Comments FCD 2375, Information technology-Procedure for registration of escape sequences and coded character sets

U.S. Comments on FCD 2375

Comment 1 on Clause 7.3

The URL in section 7.3 of the FCD is invalid and needs to be corrected to:

> www.iso.org/mara

In response to SC 2, ISO created this short URL for the ISO "maintenance agencies and registration authorities" so that standards could include the short URL and be guaranteed that the URL would always point to the then current list. Since ISO also has a URL in French, the editor may want to reference both, for example,

> http:\|www.iso.ch/mara   (English)
> http:\|www.iso.ch/mara-fr   (French (français))

Comment 2 on Clause 14.1

The US would like to see a slight clarification in the text of clause 14.1. The current text reads as follows:

> 14 Evaluation of mapping to ISO/IEC 10646
>
> 14.1 The Registration Authority shall circulate the registration application and mapping first to the members of the RA-JAC for a technical review of not more than two months.

It is still not quite clear from the wording of Clause 14.1 that the scope of the task is a technical review of the mapping versus a review of the entire application along with the mapping. Adding the text, "of the mapping", after "a technical review" would resolve this concern. Unfortunately, inserting this text makes the target of the subsequent prepositional phrase, "of not more than two months", somewhat confusing. The US suggests the following replacement paragraph to resolve its concerns with clause 14.1:

Proposed Text for Clause 14.1

> 14.1 The Registration Authority shall circulate the registration application and mapping first to the members of the RA-JAC for a technical review <u>of the mapping. The period of this review shall be</u> not more than two months.