

**19<sup>th</sup> CEN/ISSS CDFG meeting**  
**SIS, Stockholm**  
**2007-03-16**  
**1000–1730**

**Title: Minutes CDFG meeting 2007-03-16**

**Source: CDFG Secretary**

**Document for: Approval**

## **1 Meeting arrangements**

The chair, Mr Marc Küster, opened the meeting and thanked SIS and its committee TK445 for hosting the meeting. Mr Jörgen Wyke and the chair of committee TK445, Mr Clas Thorén, both welcomed the CDFG to Stockholm and SIS.

The participants introduced themselves. A list of CDFG members and participants at the meeting is included in Annex A.

It was underscored that the categories “full members”, “observing members”, and “guests” has no impact on the level of participation in all discussions during the meeting.

## **2 Approval of draft agenda**

*Document CDFG-N244R4* – The agenda was adopted with the following changes:

A new agenda item 4.3 was added. A new agenda item was added after 7.3; items 7.4–7.7 were renumbered. Under agenda item 6.2 an additional topic was added.

## **3 Minutes of the previous meeting**

### **3.1 Approval of the minutes**

*Document CDFG-N233* – The minutes of the CDFG meeting on 2006-10-20 (R1, dated 2006-11-06) were approved without changes.

### **3.2 Review of Action List**

*Document CDFG-SD-ActL (2007-03-15)* – The notes of the review are presented in *document CDFG-SD-ActL (2007-03-17)* together with new Action Items. The new list of action items is circulated independently.

During the review of the Action List the following items were noted and decided:

With reference to Action Item 07/01:

<b>Action Item 19/01</b>	Secretary to circulate to CDFG members draft letter to MEPs.
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With reference to Action Item 09/04:

<b>Action Item 19/02</b>	Chair and Secretary to discuss possible hosting of a future CDFG meeting with representatives from Lithuania.
<b>Action Item 19/03</b>	Chair to ask representatives of Cyprus if they wish to nominate a CDFG member.

With reference to Action Item 16/05 it was noted that Unicode Conferences in the future will be arranged only once per year. In 2007 there will be a conference in California. It is uncertain when a Unicode Conference might be arranged in Europe; this will probably not happen during the next few years. The topic of a BOF session relating to CDFG activities should be brought to a different forum. It should be looked into whether this can be done in the context of CLDR.

<b>Action Item 19/04</b>	Chair and Secretary to look into the possibility of a BOF session or similar relating to the CDFG in the context of CLDR.
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With reference to Action Item 16/07 Mr Mike Pluke will discuss with BSI how a possible UK NMB representation to the CDFG could be resolved.

With reference to Action Item 17/01 it was noted that Mr Jörgen Wyke has been registered as CDFG member representing the Swedish NMB.

With reference to Action Item 18/04 it was noted that a call will coming up soon, which may be of interest.

## **4 Special topics**

### **4.1 Ola Karlsson, Språkrådet: Presentation of Språkrådet**

Mr Ola Karlsson was unable to attend the meeting due to illness. He will be invited to present Språkrådet (the Swedish Language Council) at a future CDFG meeting.

<b>Action Item 19/05</b>	Secretary to invite Mr Ola Karlsson to present Språkrådet (the Swedish Language Council) at the next CDFG meeting.
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### **4.2 Karl Ivar Larsson, LWP Consulting: Presentation of the situation for Romani in ICT in Sweden and Europe**

Mr Karl Ivar Larsson presented ongoing work relating to Romani issues. The presentation is available as *document CDFG-N258*.

The work has a wider scope than purely ICT, including a common orthography for different variants of Romani used in different countries. It is by no means obvious that consensus will be reached.

Issues relating to Romani are quite complex for a number of political reasons. The language situation itself is also quite complex, there being several language variants as well as several orthographic systems in use.

In Finland there is a formal Romani language council and a defined orthography for the Finnish Romani.

It does not seem to be feasible to find a “common solution” to Romani issues. The CDFG needs to make sure that our activities or recommendations aren’t seen as “taking sides” by supporting one Romani initiative as opposed to another. However, some sort of liaison between the CDFG and Romani language groups would be of interest.

<b>Action Item 19/06</b>	Karl Ivar Larsson to initiate relevant contact between the CDFG and Romani groups.
<b>Action Item 19/07</b>	Karl Ivar Larsson to submit to the CDFG relevant documentation about Romani issues.
<b>Action Item 19/08</b>	Göran Tellström to make a summary presentation of industry requirements relating to Romani.

#### **4.3 Karl Ivar Larsson, LWP Consulting: Presentation of the situation for Sami in ICT in Sweden, Norway and Finland**

Mr Karl Ivar Larsson presented ongoing work relating to Sami issues. The presentation is available as *document CDFG-N259*.

It was noted that the current registrations for Sami in the CLDR, which include Northern Sami only, have some errors that need to be corrected. There also needs to be submitted registrations for other Sami languages.

Entry of Sami characters using telephone keypads has partly been solved, not by defining a separate Sami character set for this purpose, but by adding relevant characters to the keypads of Finland, Norway and Sweden. However, not all of the industry so far implements the ETSI recommendation in this respect.

There is a spellchecking project going on in Norway. Its web site (in English): <http://www.divvun.no/>.

So far there has been no progress in the contact with Russian authorities relating to these issues. There is, however, substantial government support in the Nordic countries for the support of Sami in all contexts.

### **5 CDFG (including Programme of work)**

#### **5.1 CDFG financing and future**

There was no discussion relating to this agenda item.

#### **5.2 CDFG membership and participation**

There was no discussion relating to this agenda item beyond a general note that Nation Member Bodies are more and more involved in CDFG work, and that this interesting development should be followed up.

#### **5.3 Project ADNOM – Possible continuation**

Mr Gerhard Budin reported on the work done so far, including CWA 15526 *European Network for Administrative Nomenclature* (2006-03). Work to ensure a continuation of the activity has been going on, and a proposed Business Plan has been submitted to CEN (*document CDFG-N249*).

The ADNOM project and “philosophy” has received some attention, and it has been discussed in various fora, including the CEN/ISSS eGovernment Focus Group. A concern has been raised that the ADNOM continuation should focus more on structure, organization, and IPR issues, and less on technology.

A demonstration version of a “CEN eGov Resource Navigator” is available: <http://demo.egrn.eu/cendemo/>. There are obvious contact points between this activity and ADNOM.

In the light of the *2007 ICT Standardization Work Programme* of the European Commission (final version, to which the CDFG has contributed with some input, is available as *document CDFG-N257*) it would seem feasible to combine the proposed ADNOM continuation with additional CDFG proposed activities as well as proposed activities originating from the eGovernment Focus Group. The Work Programme has a submission deadline of 2007-05-15, and it is rather urgent to develop a combined proposal together with the eGovernment Focus Group. From the CDFG, in addition to ADNOM, the proposed projects SoftCultReg and Template for minority languages should be included in the combined proposed activity. A common denominator is the registration of metadata and access to resource networks, with a particular focus on the enabling of multilingual and cross-cultural access to such resources.

It was noted that development since the ADNOM Workshop initiated its work and presented its CWA has made this activity all the more feasible. Furthermore it was noted that a suitable synergy with ETSI should be sought.

<b>Decision:</b>	The CDFG will develop a combined proposal, seeking cooperation with the eGovernment Focus Group, combining, among other activities, ADNOM, SoftCultReg, and Template for minority languages. From the CDFG the following will be active in the development of the proposal: Mr Marc Küster, Mr Gerhard Budin, Mr Mike Pluke, Mr Håvard Hjulstad. In addition, one or more representatives of the eGovernment Focus Group will be asked to take part in the work.
<b>Action Item 19/09</b>	Chair and Secretary to initiate the development of a combined project proposal together with the eGovernment Focus Group to be submitted under the <i>2007 ICT Standardization Work Programme</i> by 15 May 2007.

#### **5.4 Proposed project SoftCultReg**

Discussion about this agenda item was merged with agenda item 5.3.

#### **5.5 Proposed project Template for minority languages**

Discussion about this agenda item was merged with agenda item 5.3.

#### **5.6 European Ordering Rules**

*Document CDFG-N245* was presented to the CEN/ISSS Forum at its recent meeting. The document proposes to develop a revised European Standard based on ENV 13710 and its extension CR 14400, and coordinated with the latest version of ISO/IEC 14651 and the Unicode Collating Algorithm. Due to the dormancy of CEN/TC 304 the work needs to be done in a different organizational framework.

CEN/ISSS Forum responded positively to the initiative. The CDFG needs to work out the formalities with CEN. There probably needs to be established a BT Task Force specifically for the task, and a request needs to be submitted to the BT.

The development period should be relatively short. There may be a need for one or two physical meetings of the Task Force, which will have NMB membership. Mr Marc Küster has volunteered to serve as Project Editor.

The project will not make technical modifications to the standard. ISO/IEC 14651 has been slightly changed, and the European Standard needs to take this into consideration.

<b>Action Item 19/10</b>	Chair and Secretary to initiate the formal process to establish a CEN BT Task Force to revise the European Ordering Rules as needed and to develop it as a European Standard; and Gaïd Le Gall to provide relevant contact information to this end.
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## 5.7 Extended local keyboard layouts

The basis for the discussion was *document CDFG-N239*. In addition, the following documents have been submitted as input to the discussion: *CDFG-N242*, *CDFG-N247*, and *CDFG-N248*.

Mr Erkki Kolehmainen presented the document and the background for the work being done. The approach has been that the additional capabilities of the keyboard should be true add-ons, not replacements for traditional keyboard layouts. The actual implementations will differ, since the various “traditional” keyboards are different.

Mr Wolf Arvidson and Mr Karl Ivar Larsson presented the documents that Sweden has submitted to the CDFG. In Sweden there has been a separate keyboard development, and the keyboard standards have been updated to make it possible to write most Latin characters that are needed to write names.

Mr Erkki Kolehmainen underscored that “their” keyboard allows for entering almost any Latin character, including all Vietnamese characters.

Mr Mike Pluke noted that most users in English-speaking countries are unfamiliar with any keyboard layout allowing “funny” letters, even the (for most countries traditional) dead-key method.

Mr Wolf Arvidson emphasized that keyboards should be designed for use in business and administration, not with linguistic applications in mind. Keyboards should be simple to use, which in his opinion meant that precomposed characters should be preferred. Some interface with other scripts than the Latin script might also be useful.

Mr Karl Ivar Larsson anticipated some difficulties for ordinary users if they needed to switch from the dead-key method to the method with decomposed characters (entering letter followed by diacritics).

Mr Göran Tellström said that many countries don’t have national keyboard standards, and that there are many conflicting standards. Most keyboards are based on principles from manual typewriters. Both the Swedish and the Finnish work was based on the same common standard, developed by IBM several years ago.

Mr Erkki Kolehmainen found that different scripts on the same driver isn't useful. The placement of characters on the keyboards is very difficult to make intuitive. There are some combined characters that don't have single code positions, and they need to be handled as strings. As a consequence, applications will need to be able to process strings.

Mr Keld Simonsen reported that he was interested in making enhancements to Danish keyboards for Linux based on both the Swedish and the Finnish approaches. He invited Microsoft (and Apple) to do something together with Linux.

Mr Marc Küster found that this topic deserves more time. There could be a full-day meeting (workshop), possibly in connection with a future CDFG meeting. There was general agreement that this is a good idea, and that it is a pan-European matter. The event should be more forward-looking than backward-looking: "What is needed for the future?"

The planning of an event should start immediately, and good planning is essential. An option would be to meet in Brussels in late May or in June of this year. The meeting proposed **Tuesday 12 June 2007** for this event; this needs to be confirmed.

<b>Action Item 19/11</b>	Chair and Secretary to start planning a "keyboard meeting" to take place in Brussels in late May or in June 2007.
<b>Action Item 19/12</b>	All CDFG members to submit documents needed for the "keyboard meeting", and to approach other experts that should participate in the discussion.

## **5.8 Representation of personal names**

There was no discussion relating directly to this agenda item. However, the topic was implicitly discussed under the previous agenda item.

## **5.9 Standards as databases – ISO project / also CEN?**

*Documents CDFG-N240 and CDFG-N243* represent work done by an ad hoc group that has been established by ISO Technical Management Board (TMB). Mr Håvard Hjulstad is member of that group (representing ISO/TC 37). The plan is to allow for the publication of International Standards as non-linear documents in database form. It is likely that this will be possible within ISO by the end of 2007.

The CDFG documents were presented to CEN/ISSS Forum at its recent meeting. The Forum made no decision, but there was quite some interest among Forum members. Among those who expressed an interest, was the secretariat of CEN/TC 287 (geographical information), who was looking at the possibility of raising the issue on BT level in CEN.

## **5.10 Additional projects and activities**

There was no specific discussion about this agenda item, and the documents that relate to the agenda item were made available for information.

Relating to *document CDFG-N252* ("GreenTree", an FP7 project proposal) no action will be taken by the CDFG. CDFG members may approach the proposer, but are requested not to distribute document CDFG-N252 to third parties.

## **6 Various European projects and activities**

### **6.1 CEN/ISSS European e-Business Interoperability Forum (eBIF)**

The next meeting of eBIF will take place in Prague in June. There was no further report.

### **6.2 ETSI HF**

Four different activities were presented, the first three by Mr Mike Pluke and the fourth by Mr Karl Ivar Larsson.

#### **6.2.1 STF 287**

Title of STF (Specialist Task Force): *User-oriented handling of multicultural issues in multimedia communications*. Web site:

[http://portal.etsi.org/stfs/STF\\_HomePages/STF287/STF287.asp](http://portal.etsi.org/stfs/STF_HomePages/STF287/STF287.asp).

The document ETSI EG 202 421, to which the CDFG has contributed by submitting comments, was presented. The document is available from the search page <http://pda.etsi.org/pda/queryform.asp> (see *document CDFG-N241* for instructions).

#### **6.2.2 STF 324**

Title of STF: *Extending e-Inclusion for Public Internet Access Points (PIAPs)*. Web site: [http://portal.etsi.org/stfs/STF\\_HomePages/STF324/STF324.asp](http://portal.etsi.org/stfs/STF_HomePages/STF324/STF324.asp).

This is a newly established STF looking at “design for all” aspects of PIAPs.

#### **6.2.3 “Unicode Character Displayer”**

There was a presentation of a piece of Visual Basic software for simple display and use of any Unicode character. It is unclear how widely distributed it will be, but those interested may contact Mr Mike Pluke.

#### **6.2.4 STF 300**

Title of STF: *Character repertoires, ordering and assignments to the 12-key telephone keypad - European languages and languages used in Europe*. Web site: [http://portal.etsi.org/stfs/STF\\_HomePages/STF300/STF300.asp](http://portal.etsi.org/stfs/STF_HomePages/STF300/STF300.asp).

The task of this group has been to enable input of “all” European languages (all native languages and some immigrant languages) using a telephone keypad. The document will be finalized and published later this year.

### **6.3 Project Lirics**

No report was given at this time.

### **6.4 Project Textgrid**

The Chair reported that the project progresses as planned. See also <http://www.d-grid.de/> and <http://www.textgrid.de/>.

## 7 European coordination of international activities

### 7.1 ISO/TC 37 activities

Mr Gerhard Budin mentioned briefly ISO/TC 37/SC 2/WG 6, working with translation and interpretation.

He also mentioned ISO 639 (language coding), which is expected to be moved to a "Standard as database" during this year. ISO 639-3 has recently been published, bringing the number of encoded languages to more than 7000.

### 7.2 ISO/IEC JTC 1/SC 2 activities

It was noted that SC2/WG2 will meet on April in Frankfurt.

### 7.3 ISO/IEC JTC 1/SC 22 activities

No report was given.

### 7.4 OCR-B matters

This item was added to the agenda during the meeting. Subsequent items under 7 are renumbered in relation to the circulated agenda.

Mr Karl Ivar Larsson presented some issues relating to OCR-B, including the shape of the € character.

OCR-B is standardized in ISO 1073-2:1976 (*Alphanumeric character sets of optical recognition – Part II: Character set OCR-B – Shapes and dimensions of the printed image*). Based on this International Standard is the European Standard EN 14603:2004 (*Information technology – Alphanumeric glyph image set for optical character recognition OCR-B – Shapes and dimensions of the printed image*).

There are some differences between ISO 1073-2:1976 and EN 14603:2004, including, for obvious reasons, the € character.

It was suggested that the CDFG should approach ISO/IEC JTC 1/SC 31, who is responsible for ISO 1073, proposing an alignment of the International Standard and the European Standard. The CDFG could present some alternative solutions, but leave it to SC 31 to decide.

<b>Action Item 19/13</b>	Secretary to contact ISO/IEC JTC 1/SC 31 secretariat relating to a revision of the OCR-B standard; <u>following</u> Karl Ivar Larsson providing contact information and suggested content of message to SC 31.
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<b>Action Item 19/14</b>	Karl Ivar Larsson to provide information about erroneous OCR-B fonts on the market; <u>and</u> Secretary to submit this information to ISO/IEC JTC 1/SC 31.
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### 7.5 ISO/IEC JTC 1/SC 35 activities

A submission from Mr Yves Neuville, which was circulated just before the meeting, is available as *document CDFG-N255*. No report was given.

## 7.6 ISO IEC ITU UN/ECE MoU/MG

There was no discussion relating to this agenda item.

## 7.7 Unicode CLDR

Mr Erkki Kolehmainen presented the current status and the process of updating and maintaining the Common Locale Data Repository (CLDR). Web site:

<http://www.unicode.org/cldr/>.

CLDR 1.5 will be published by the end of June 2007. In the future the development cycles of the CLDR will be relatively short.

## 7.8 General Unicode issues

Mr Henrik Holmegaard has submitted a number of documents of considerable interest relating to character encoding issues. Some of the documents have been given CDFG numbers (*CDFG-N237 parts a–g*, *CDFG-N238*, *CDFG-N250*). CDFG members are invited to study these documents.

The CDFG will at the present time take no action relating to the content of the documents, nor will the CDFG enter into a detailed discussion with Mr Henrik Holmegaard. However, the CDFG would see it of interest to have Mr Henrik Holmegaard present his work at a CDFG meeting.

<b>Action Item 19/15</b>	Secretary to contact Mr Henrik Holmegaard thanking him for his contribution <u>and</u> invite him to attend a CDFG meeting to present his views on character sets and character encoding.
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## 8 Next meeting(s)

The next meeting of the CDFG will be in Helsinki by invitation through Mr Erkki Kolehmainen. Candidate dates: week 43, starting with 22 October 2007, proposing Monday 22, alternatively Tuesday 23; another alternative is 8 or 9 October. This will be decided by correspondence as soon as possible.

As to the following meeting, the CDFG has received an invitation from Mr Tavi Valdlo to have a meeting in March 2008 in Estonia. The proposed time is between March 3 and 15, 2008.

## 9 Any Other Business

No other items were discussed.

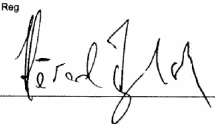
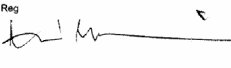
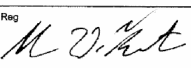
## Annex A – Participants


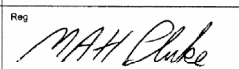
See also the Standing Document *CDFG-SD-Memb.*

### Participation at CDFG meeting 2007-03-16

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