

TC 278 Road Transport and Traffic Telematics

N2298

| Title | : | Draft minutes of the 44 th plenary meeting of CEN/TC 278, Granada, 26 March 2010 |
|--------|---|---|
| Source | : | CEN/TC 278 Secretariat |
| Date | : | 2010-04-06 |
| Status | : | Unconfirmed, for approval by the 45 th plenary meeting |
| Note | : | |
| | | |

n2298 Minutes of the 44th plenary meeting Granada 2010-03-26.doc

Secretariat: **Nederlands Normalisatie-instituut (NEN)** Mr. J.A. Dijkstra Vlinderweg 6 P.O. box 5059 2600 GB Delft The Netherlands

 Telephone
 : +31 15 2 690 127

 Telefax
 : +31 15 2 690 242

 Telex
 : 38144 nni nl

 Internet
 : jelte.dijkstra@nen.nl

 WWW
 : http://www.nen.nl/cen278

DRAFT MINUTES

of the 44th plenary meeting of CEN/TC 278 *Road Transport and Traffic Telematics* Granada, 26 March 2010

Attendance: see attachment

1 Opening of the meeting

Mr. Pablo Vázquez Ruiz de Castroviejo, director of the division of innovation and transport technologies of the Spanish Ministry of Development, welcomes CEN/TC 278 to Granada.

At 10:00 the Chairman, Mr. Henk Stoelhorst, opens the meeting and welcomes all delegations. He thanks AENOR, the Ministry of Development and the University of Granada for hosting the meeting and for the pleasant social event on the previous evening.

2 Roll call of delegates

A brief introduction round is held.

Mr. Michael Noblett, Chair of ISO/TC 204, sends his regrets. ISO/TC 204 is represented by Mr. Robert Williams (BSI). Apologies for absence have been received from Mr. Jean-Laurent Franchineau (convenor of WG 3), Mr. Christian Heinrich (convenor of WG 10), Mr. Knut Evensen (convenor, WG 12) and Mr. Richard Bossom, candidate convenor for WG 13.

3 Adoption of the agenda

(document N2275¹)

The agenda is adopted with the following addition:

The Austrian delegation will make a brief presentation on data privacy under the added agenda item 7.3

Item 6.7 "Convenorship of WG 13" is added.

Item 6.8 "Term of office for the Chair" is added

4 Appointment of the Resolutions Editing Committee for the 44th meeting

The TC unanimously agrees with the appointment of Mr. Jonathan Harrod Booth (BSI, UK), Mr. Jean Seng (AFNOR, France) and Mr. Jelte Dijkstra (TC 278 Secretariat) as the members of the Resolutions Editing Committee for the 44th plenary meeting.

5 Approval of the minutes of the 43rd meeting, London, 2009-09-11

(document N2218)

The secretary did not receive any comments on document N2218, the minutes of the previous meeting. Document N2218 is adopted as the minutes of the 43rd plenary meeting of CEN/TC 278.

6 Secretariat report

6.1 Review of resolutions of the previous meeting

(document N2210)

The secretary reports.

RESOLUTION CEN/TC 278/043/01/2009 - Revision of target dates

The new target dates have been communicated to CEN/CMC for BT approval and subsequent update of the CEN database.

¹ Document numbers refer to CEN/TC 278 documents unless stated otherwise

N2298

The secretary points out that registration of new target dates does not automatically imply that exceeding the 3-year time limit for the development of deliverables is allowed. He urges the project leaders to monitor the periodic "alert reports" and take action if necessary.

RESOLUTION CEN/TC 278/043/02/2009 – Activation of work item 00278244 Intelligent transport systems – eCall – Operating requirements for third party support

The activation has been registered in the CEN database.

RESOLUTION CEN/TC 278/043/03/2009 – Adoption of a new work item *Electronic fee collection* – Conformity evaluation of equipment to CEN ISO/TS 17575-1 – Part 1: Test suite structure and test purposes

The new work item has been registered as 00278257.

RESOLUTION CEN/TC 278/043/04/2009 – Adoption of a new work item *Electronic fee collection* – Conformity evaluation of equipment to CEN ISO/TS 17575-2 – Part 1: Test suite structure and test purposes

The new work item has been registered as 00278258.

RESOLUTION CEN/TC 278/043/05/2009 – Adoption of a new work item *Electronic fee collection* – *Value added services based on on-board equipment*

The new work item has been registered as 00278259.

RESOLUTION CEN/TC 278/043/06/2009 - WI 00278251 - Change of title

The new title has been registered in the CEN database.

RESOLUTION CEN/TC 278/043/07/2009 – Pre-adoption of a potential future new work item (Preliminary stage): *Public transport – Network and Timetable Exchange (NeTEx)*

The new preliminary work item has been registered as 00278260.

RESOLUTION CEN/TC 278/043/08/2009 – Pre-adoption of a potential future new work item (Preliminary stage): *Public transport – European ticketless and ticket on departure for rail distribution*

The new preliminary work item has been registered as 00278261.

RESOLUTION CEN/TC 278/043/09/2009 – Pre-adoption of a potential future new work item (Preliminary stage): *Traffic and travel information (TTI)* – *TTI via Transport Protocol Expert Group (TPEG)* – Second generation (TPEG 2) multi-part series

The new preliminary work item has been registered as 00278262.

RESOLUTION CEN/TC 278/043/10/2009 – Review of CEN TS 15213 After-theft systems for the recovery of stolen vehicles

The lifetime of CEN TS 15213 was extended with three years.

RESOLUTION CEN/TC 278/043/11/2009 – Decision on the future of prEN ISO 14906 after parallel Enquiry

prEN 14906 is being prepared for submission to a second parallel Enquiry.

RESOLUTION CEN/TC 278/043/12/2009 – Revision of CEN ISO/TS 17261 Intelligent transport systems – Automatic vehicle and equipment identification – Intermodal goods transport - Architecture and terminology

Work item 00278263 has been registered for the revision of CEN ISO/TS 17261.

RESOLUTION CEN/TC 278/043/13/2009 – Revision of CEN ISO/TS 17262 Intelligent transport systems – Automatic vehicle and equipment identification – Intermodal goods transport – Numbering and data structures

Work item 00278264 has been registered for the revision of CEN ISO/TS 17262.

RESOLUTION CEN/TC 278/043/14/2009 – Revision of CEN ISO/TS 17263 Intelligent transport systems – Automatic vehicle and equipment identification – Intermodal goods transport – System parameters

Work item 00278265 has been registered for the revision of CEN ISO/TS 17263.

RESOLUTION CEN/TC 278/043/15/2009 – Pre-adoption of a potential future new work item (Preliminary stage): Intelligent transport systems – Co-operative systems – Classification and management of ITS applications in a global context

The new preliminary work item has been registered as 00278266.

RESOLUTION CEN/TC 278/043/16/2009 – Pre-adoption of a potential future new work item (Preliminary stage): Intelligent transport systems – Co-operative systems – Co-operative system application messages, protocols and profiles

The new preliminary work item has been registered as 00278267.

RESOLUTION CEN/TC 278/043/17/2009 – Pre-adoption of a potential future new work item (Preliminary stage): Intelligent transport systems – Co-operative systems – ITS application requirements for automatic selection of communication interfaces

The new preliminary work item has been registered as 00278268.

RESOLUTION CEN/TC 278/043/18/2009 – Pre-adoption of a potential future new work item (Preliminary stage): Intelligent transport systems – Co-operative systems – Definition of Local Dynamic Map concept

The new preliminary work item has been registered as 00278269.

RESOLUTION CEN/TC 278/043/19/2009 - Retirement of M. Jacques Meunier

The resolution did not require any follow-up by the secretariat..

RESOLUTION CEN/TC 278/043/20/2009 – Pre-adoption of a potential future new work item (Preliminary stage): *Electronic fee collection – security framework*

The new preliminary work item has been registered as 00278270.

RESOLUTION CEN/TC 278/043/21/2009 - Proposed work items of EFC security

The resolution did not require any follow-up by the secretariat.

RESOLUTION CEN/TC 278/043/22/2009 - eCall standards and IPR

The secretariat has notified CEN/CMC of the concerns raised in WG 15 and is anticipating further actions by CMC in accordance with CEN procedures.

6.2 Review of resolutions by correspondence taken since the previous meeting

The secretary reports.

Resolution C10-2009, a proposal from AENOR for the addition of a preliminary work item for *Electronic fee collection – Charging performance metrics and examination framework* was adopted. The result of the written procedure can be found in N2244. The work item has been registered as 00278273.

Resolution C11-2009, a proposal from WG 1 for the addition of a preliminary work item for *Electronic fee collection – Interoperable application profiles for autonomous systems* was adopted. The result of the written procedure can be found in N2262. The work item has been registered as 00278272

Mr. Engahl points out that the proposal was for the addition of an active work item and not of a preliminary work item. The secretary recommends that work item 00278272 be activated immediately (**RESOLUTION 044/10/2010**).

6.3 Pending decisions

Resolution C01-2010 for the adoption of a new work item for *Electronic fee collection – Conformity evaluation of equipment to CEN ISO/TS 17575-3 – Part 1: Test suite structure and test purposes* could not be adopted by correspondence as only NEN, SIS and UNMZ committed themselves to active participation, which is less than the 5 members required by the CEN Internal Regulations. The result of the written procedure can be found in N2276. In accordance with agreed practice in CEN/TC 278, the proposal is revisited at the plenary meeting. At the meeting, additional commitment is found and the new work item is adopted by **RESOLUTION 044/03/2010.**

Resolution C02-2010 for the adoption of a new work item for *Electronic fee collection – Conformity evaluation of equipment to CEN ISO/TS 17575-4 – Part 1: Test suite structure and test purposes* could not be adopted by correspondence as only NEN, SIS and UNMZ committed themselves to active participation, which is less than the 5 members required by the CEN Internal Regulations. The result of the written procedure can be found in N2277. In accordance with agreed practice in CEN/TC 278, the proposal is revisited at the plenary meeting. At the meeting, additional commitment is found and the new work item is adopted by **RESOLUTION 044/04/2010.**

6.4 Decisions of the CEN/BT related to CEN/TC 278

The CEN/BT has automatically deleted Work Item 00278193 for the review of CEN/ISO TS 175753 *Electronic fee collection - System architecture for vehicle related transport services.* prEN ISO 175753 is currently being prepared by ISO/CS for submission to a 2nd parallel Enquiry (DIS ballot).

The usual remedy for the deletion of work items – reinstatement under a new work item – would in this case not suffice to avoid delay: logically a new work item cannot be immediately submitted to a 2nd Enquiry without being submitted first to a 1st Enquiry.

Negotiations between the secretariat and CEN/CMC in search of a flexible solution have been unsuccessful.

Mr. Thierry Legrand – CEN representative – recommends to have the Standard further balloted in ISO only, and to adopt it in CEN by UAP immediately after its publication in ISO.

After some discussion, the TC decides to follow this advice (**RESOLUTION 044/22/2010**). Also, the TC expresses its concern about the rigid approach of CMC towards the "3-year timeframe rule", as well as the fact that consistently most of the delay is caused by administrative processes in the central secretariats (**RESOLUTION 044/23/2010**).

6.5 Report on the selection of experts for Project Team 30

The secretary reports on the selection of experts for Project Team 30 to aid in the work of WG 1. A written report has been circulated (N2250, N2268).

6.6 Observer status in CEN/TC 278 for JISC

Unter a mutual co-operation agreement between CEN and JISC – the Japanese standards institution – JISC

has identified a list of TC's in which it would like to participate as observer. TC 278 is on that list (see N2228). On behalf of the TC, the Chair has welcomed JISC – and in particular the Japanese society of automotive engineers – as observer to CEN/TC 278. It is noted that the agreement is two-way – TC 278 obtains observer status in JISC. Further practical arrangements are yet to be announced.

6.7 Convenorship of WG 13

BSI is proposing Mr. Richard Bossom as the new convenor for WG 13 *Architecture and terminology* after the resignation of Ms. Zeina Nazar. The offer has been made in N2281. BSI apologizes once again for the absence of Mr. Bossom due to pressing arrangements related to the Intertraffic fair. No counter-offers or objections were received. The TC decides to appoint Mr. Bossom as the new convenor for its WG 13 (**RESOLUTION 044/02/2010**).

6.8 Term of office of the Chair

The Secretary reminds the TC that its Chair was appointed by Resolution 33/03/2004 on 17 September 2004 for a period of 6 years. The TC should therefore address the office of the Chair at its next meeting at the latest. The CEN rules allow a second term of 3 years.

7 Report from the 38th convenors session, 2010-03-25

(document GRANADA 1)

The report from the 38^h convenors session is tabled as document GRANADA 1. After a reading pause, document GRANADA 1 is approved with some modifications. The final report, with revision marks, will be distributed (N2291).

7.1 Target date review

The TC approves the new target dates as proposed by the 38th convenors meeting and laid down in the revised report of that meeting (N2291). (**RESOLUTION 044/01/2010**).

The TC decides to request tolerance for the 3-year time frame for the following work items:

- 00278250 (RESOLUTION 044/05/2010)
- 00278254, 00278255 (RESOLUTION 044/06/2010)
- 00278263, 00278264, 00278265 (**RESOLUTION 044/07/2010**)

7.2 New work items proposed by the convenors session

The TC decides the following regarding new work, on the basis of the report of the convenors session:

- To adopt a new parallel work item for Electronic fee collection Evaluation of equipment for conformity to CEN ISO/TS 17575-1 - Part 2: Abstract test suites (RESOLUTION 044/11/2009)
- To adopt a new parallel work item for Electronic fee collection Evaluation of equipment for conformity to CEN ISO/TS 17575-2 - Part 2: Abstract test suites (RESOLUTION 044/12/2009)
- To adopt a new parallel work item for *Electronic fee collection Evaluation of equipment for conformity to* CEN ISO/TS 17575-3 - Part 2: Abstract test suites (RESOLUTION 044/13/2009)
- To adopt a new parallel work item for *Electronic fee collection Evaluation of equipment for conformity to* CEN ISO/TS 17575-4 - Part 2: Abstract test suites (RESOLUTION 044/14/2009)

7.3 Other issues arising from the convenors session

Furthermore, the following decisions are taken on the basis of the report from the convenors session:

- To extend the lifetime of CEN TS 15531 parts 1, 2 and 3 (**RESOLUTION 044/08/2010**)
- To request WG 1 to give advice to the TC on the handling of comments received during the Formal Vote on prEN 15876-1 (RESOLUTION 044/09/2010)
- To activate preliminary work item 00278272 (RESOLUTION 044/10/2010)
- To activate preliminary work item 00278218 (**RESOLUTION 044/16/2010**)
- To activate preliminary work item 00278219 (RESOLUTION 044/17/2010)

- To launch the systematic review of all 6 parts of EN 13149 (**RESOLUTION 044/18/2010**)
- To change the title of work item 00278225 (RESOLUTON 044/19/2010)
- To change the title of work item 00278226 (**RESOLUTON 044/20/2010**)
- To change the title of work item 00278227 (RESOLUTON 044/21/2010)

8 Strategic issues

8.1 Mandate M/338, EETS and the TC 278 work programme

(documents N2220, N2226, N224, N2267)

Mr. Jesper Engdahl (convenor, WG 1 *Electronic fee collection*) gives a comprehensive overview of the standardisation activities to support the EETS Directive. A number of project teams, funded by the European Commission, are supporting WG 1 in the development of its standards. Progress is regularly discussed with the European Commission. New proposals are being prepared in response to the 2010-2013 ICT Standardisation work programme of the EC.

8.2 Mandate M/453 on Co-operative systems – Report from the CEN/ETSI Task Force (documents N2227, N2266)

Mr. Hans-Joachim Schade presents the preliminary results of the joint Task Force on co-operative systems of CEN and ETSI. The presentation will be circulated immediately after the meeting.

The final draft of the response to Mandate M/453 will be ready at mid-April. .It will contain a first work programme, and will also address prioritization, partitioning of work between CEN and ETSI, the involvement of other working groups and the establishment of procedures for exchange of information (through a web portal).A three-day workshop is scheduled for 25-27 May, in Berlin, to discuss the management of the potential work programme with all involved, including the working group convenors of CEN/TC 278.

Mr. Schade requests the mandate from the TC to continue and finalize the establishment of a comprehensive CEN/ETSI work programme in response to Mandate M/453 and the 2010-2013 ICT Standardisation work programme

After some discussion, the TC agrees on the following principles for the submission of proposals in response to the 2010-2013 ICT Standardisation work programme. Given the deadline of 1 May, there is not sufficient time for the TC to formally review the proposals. The Chair and secretary are therefore mandated to assess proposals and submit them to CEN. This does not affect in anyway the procedure for the formal adoption of new work items, even if they stem directly from the proposals, which will always require a TC Resolution.

In line with this agreement, the TC mandates Mr. Schade to finalise CEN's contribution to the joint CEN/ETSI response on Mandate M/453 (**RESOLUTION 044/24/2010**). AFNOR and DS abstain for formal reasons, not wishing to be seen to approve a report which has not yet been made available.

Mr. Eike Wolf (ÖN) notes that security has been identified as an ETSI responsibility. This would incorrectly imply that security is just a communication issue.

8.3 Strategic review of the work programme of CEN/TC 278

(documents N2229, N2286)

Mr. Jonathan Harrod Booth presents the written report (N2286) from the task force established by Resolution 043/07/2009 to carry out a strategic review of the programme of work and methods of working of CEN/TC 278. Some first observations and recommendations are discussed:

- To consider setting up a co-ordination group
- To improve strategic reporting to external parties
- To review the standards catalogue and the work programme for coherence and possible conflicts and inconsistencies

The TC decides to dismiss the task force (**RESOLUTION 44/25/2020**), and to set up a new group to follow up the recommendations (**RESOLUTION 44/26/2010**).

8.4 2010 - 2013 EC ICT Standardisation work programme

(document N2269)

The TC makes an inventory of the proposals under preparation. Proposals are being prepared by WG 1, WG 15 and WG 16.

The secretary points out that also CENELEC may come forward with proposals in Domain 3, for example for electric vehicles. Also, he suggests that for some of the recommendations of the Strategic Review Task Force may be supported financially under Domain 14 "Support to implementation of standards". Mr. Harrod Booth and the secretary will investigate this possibility.

Mr. David Barta of the Czech delegation presents a possible proposal for work on a data repository. After some discussion the TC decides that the proposal would fall in the domain of it WG 13 *Architecture and terminology* and it invites UNMZ to propose new work for consideration by WG 13.

8.5 Proposed Directive on "ITS deployment"

(document N2219)

The Chair gives a brief update on the status of the Directive. The final draft for decision is nearing its finalisation under the Spanish EU presidency. Particular focus is given to ITS standardisation, with 4 priority items identified.

8.6 Report from the ICTSB ITS Steering Group

The Chair reports. The ICTSB ITS SG held a well attended meeting on 15 March 2010. The main items for discussion were the 2010-2013 ICT standardisation work programme and Mandate M/453 on co-operative systems. Representatives of EC DG Move and EC DG Infso were present.

The next meeting of the ITS SG will be held on 21 September 2010.

9 Internal liaison reports

9.1 ISO/TC 204

There is no report available. Mr. Bob Williams announces that TC 204 will meet in New Orleans, USA on 19/23 April 2010.

The secretary will attend the meeting in New Orleans as the representative of TC 278.

9.2 ETSI/TC ITS

Mr. Knut Evensen, liaison officer, is not present. The Chair reports on the ETSI ITS Workshop held in February. He presented the work of TC 278 to a well attended session. Also, many valuable contacts were made with – among others - ETSI, the European Commission, and the US DOT.

10 Date(s) and location(s) of the next meeting(s)

The meeting schedule is set as follows:

- Thursday 23 September 2010, Zürich, Switzerland 39th conveners meeting (tentative)
- Friday 24 September 2010, Zürich, Switzerland 45th plenary meeting (tentative)
- 24 March 2011, Vienna, Austria 40th conveners meeting
- 25 March 2011, Vienna, Austria 46th plenary meeting

The TC thanks SNV and ÖN for their kind offers to host the forthcoming meetings, and welcomes offers for the autumn meeting in 2011.

11 Any other business

No further issues are raised

12 Adoption of the resolutions

For the adoption of the resolutions, SNV gives proxy to SIS. Resolutions CEN/TC 278/044/01/2010 to and including CEN/TC 278/044/27/2010 are adopted (see document N2290).

13 Closing of the meeting

At 16:30 the chairman thanks AENOR and its sponsors for their kind hospitality and excellent support and closes the meeting.



European Committee for Standardization Comité Européen de Normalisation Europäisches Komitee für Normung

TC 278 Road Transport and Traffic Telematics

ATTENDANCE LIST 44th plenary meeting Granada, 26 March 2010

| Employer | Delegate for (national institute or liaison) | Contact details (if not already on our mailing list) e-mail address | Signature |
|--------------------|---|--|---|
| NEN | CEN/T(270 Secredaziat | jelte dytsour o nen.nl | A Contraction |
| MoT/ Netherbors | CEN/TCZ2P CHAR | Perk, stoelhorst @ Urs. nl | A. |
| MOT, FRANCE | AFNOR | jean. seng @ devoloppenent-durable.gouv.Fr | Serg |
| NFWDD. | AFNRA_ | bernard, laurens & layoute, | Jus, |
| BSI HBCC | RSI | jon@herrodboct.con | J. |
| C SI | BS1 Convenue WEIS | bwcsi@Fastricil.fr | 2 by www. |
| | NEN MoT Nethorbors MoT FRANCE AFMER BSI | Institute or Ilaison) NEN CEN/T(278 Secredation MoT/ Nethorbos CEN/TC22P CHAIR MOT/ FRANCE AFNOR AFNOR RSI, HBCL RSI BSI HBCL RSI | institute or liaison) on our mailing list) e-mail address NEN CEN/T(270) jette. distribute of new.nl NEN Secredicitet new.nl MoT/ CEN/TC220 herk. stoet thorst Nether bots CHAIR Pruss.he MoT/ FRANCE AFNOR jean. reng @ developpenet-duable.gov.fr MoT/ FRANCE AFNOR jean. reng @ MoT/ FRANCE AFNOR jean. reng @ MEL AFNOR jean. reng @ jean.gov.fr |

Attendance list, plenary meeting CEN/TC 278, Granada, 2010-03-26

| Name | Employer | Delegate for (national institute or liaison) | Contact details (if not already on our mailing list) e-mail address | Signature |
|--------------------------------|-------------------------------------|--|---|-----------|
| PAUL BURTON | BSI Serco | BSINGU | Paul burton Gtcc. sarco , com | Jas |
| ALAN MCINNES | A cf a ORIME PREVENTION | UK(BSI) WG14 CUNVENOK | Minnes.alan Qyahoo.co.vil | ARms |
| Carsten Riis Fredrikse - | <i>I</i> 5 | ÐS | CREO ds. dn | CF. |
| FINN KRENH | ROAD DIREC- TORATE | DAMSH MoT | FIKQVDDA | A |
| Dominique VANKEMMEL | NORMA FRET/ ADMISSIONS FRANCE | FRANCE | dvankemmelO Wanadoo.fr. | He, |
| Dick de Winter | RWS | Netherlands | dick.de, winterp rvvs, nl | Mass |
| Bahta | SICHOS CTN | UNHZ | david barter silmos.c | 2 Balle |

Attendance list, plenary meeting CEN/TC 278, Granada, 2010-03-26

| ENCLUTION ITS-SWOODD HERD OF DELEGATION. KARLSSON ITS-SWOODD HERD OF DELEGATION. SWEDERU SIS Christer. Learleson Q its-sweden. se Shuffful Anders HJELMARE Kapsch HJELMARE Traffic Com AB SIS anders. hjelmare Q Kapsch. net HSe Reinhard.enge Q Kepsch.net DIN Kepsch.net Cur Scanard ANEC D. pringulle Q | Name | Employer | Delegate for (national institute or liaison) | Contact details (if not already on our mailing list) e-mail address | Signature |
|--|-----------|---------------|--|---|------------|
| Jesper ENGDAHL Rapp Trans AG Converse of WGL jesper. engdahl@ Jur Gyld SIS SIS Lapp.ch Jur Gyld CHEINTOR KARLSLOW ITS-SWOODD HEAD OF NATES-SWOODD HEAD OF DOLEGATION. SWODDOT SIS Christer. karlston @ ibs-sweden.se Shiffand Anders HJELMARE Kapsch HJELMARE SIS Anders. hjelmare @ kapsch.net DIN Teinhard.enge @ Kapsch.net Bunnaid ANEC b.pringalle @ | | | UNNZ | karel. urbanguder. 02 | R |
| CHEINTOR KARLSSON KARLSSON KARLSSON KARLSSON KARLSSON KARLSSON KARLSSON KARLSSON KARLSSON KARSCH HJELMARE Kapsch TVafficCom AB SIS Anders. hjelmare a kapsch. net Kapsch. net Kapsch. net Kapsch TVafficCom AB DIN Kepsch.net Christer. learlsson MAL Kapsch Kapsch Christer. learlsson MAL Kapsch Kapsch Christer. learlsson MAL Kapsch. net Kapsch Kapsch TVafficCom AB DIN Kepsch.net Christer. learlsson Kapsch K | | | 124 | eike wolf & wolf- telecon oet | (nuef |
| Anders Anders HJELMARE Kapsch HJELMARE TrafficCom AB Reinhard ENGE DIN Bennaud ANEC b.pringulle @ | 1 | Rapp Trans AG | Converse of WG1 SIS | jesper.engdahl@ rapp.ch | Jup Gylall |
| HJELMARE Napsch Traffic Com AB SIS kapsch.net Mper Reinhard enge D ENGE DIN reinhard enge D Kaparch net Cup Bennard ANEC D. pringalle D | | LTS-Swoddu | DOLOKATION. Sweden | christer.karlsson@ its-sweden.se | Chat faul |
| ENGE DIN Keparchinet Cup Bennard ANEC bipringalle@ | | · · | SI <i>S</i> | | Art |
| | | | DIN | | Cup |
| | Bennard | | ANEC | b.pringalle@ | |
| PININGALLY OBSCRUE TAPOSTE MET | PRINGALUC | | observer | laposte net | J |

Attendance list, plenary meeting CEN/TC 278, Granada, 2010-03-26

| Name | Employer | Delegate for (national institute or liaison) | Contact details (if not already on our mailing list) e-mail address | Signature | |
|------------------------|----------------------|--|---|------------|---|
| Th Legrand. | CEN-CLC MC | CRMC | tleyrand Q cencendec.ev | 2 | |
| Joaquín Cosmen | GMV | AENOR | jcosmen@gmpv.es | Atrata | |
| Han-Joon Vilrade | hin Jin | Ho) Gen. | hans-joachim. 5 ho & firment, com | de H/Im | h |
| Вјељемни О ЅÆТЕКОУ | STANDAEDS NORWAY | SN | bjsd standard.no | Mon | |
| Bernhaw OEHRY | Rapp Trans Ag | SNV | beruhanl. oehry & napp. ch | Ac | |
| PEDRO A. Péner losa | LISTIT (UNEG) DGT | AENOR | PECNO. PEREZQLOBATECU. W. ES | A | |
| DNGEL (ABO | MÍN. FOMENTO | SPAIN | Reppo a cabo @ foucuto .es | A | |