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TC 278 Road Transport and Traffic Telematics

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Minutes of the 62nd meeting of CEN/TC278/WG1 (and ISO/TC204/WG5) held in London on 2007-01-26

Present: Benz, Caneschi, Carlsson, Catling, Engdahl (chairman), Enge, Foss, Haderer, Hayakawa, Hedin (secretary), Janusson, Jouen, Kollenhofer, Kudoh, Leist, Louro, Mackinnon, Martinez, Mulligan, Mühlethaler, Noguchi, Philipp, Tijink and Vis.

Notice for absence: Beier, Birle, Choi, Erker, Lamy, Lotz, and Rafols.

1. OPENING AND WELCOME

The convenor, Mr. Engdahl, welcomed the members and opened the 62nd WG1 meeting. Mr. Engdahl thanked the host, Don Mackinnon, and BSI for organising the meeting facilities. He also thanked TfL for arranging the demo tour and presentation of London's congestion charge system and technology trials programme.

A special welcome was extended to our new members and guests: Jasja Tijink is employed by Kapsch in Austria and intends to become a member of the WG. Heinz Haderer and David Kollenhofer both attend as guest from Asfinag in Austria. WG membership may follow.

The secretary noticed apologies for absence received from: Beier, Birle, Choi, Erker, Lamy, Lotz, and Rafols.

He also noted that Claude Bidaud (ASF, France) has retired and withdrawn from WG1. The group extended warm thanks for his contributions to EFC over the years and wished him well in the future.

2. AGENDA

The proposed agenda was adopted with one small change: The UK presentation (item 9) will be done by Mr Mackinnon only.

3. MINUTES OF THE PREVIOUS MEETING AND ACTION POINTS

The draft minutes of the previous meeting (N988) were approved without any changes.

The status of the action points from WG1's 61st meeting was reported.

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|--------------|---|
| ICA-56.7 | Make a comment resolution report for the 17575 TC-comments. Pending. Mr Catling reported that there is a "complete" draft report but that it is not finalised yet. |
| DMK-59.8 | Give a presentation at the London meeting on any requirements identified regarding urban issues in the UK. Pending (for the next meeting). TfL's slides used on Wednesday can unfortunately not be distributed. TfL suggests that the public reports on the technology trials are distributed within the WG (action JEN/JHE-62.1). |
| EPE/UMU-60.4 | Sort out how to refer to ETSI standards in the 15509-test standard. Done. Discussed at SG2 (see 6.2 below). |
| DMK-61.1 | Check with TfL the interest in doing a demonstration at the London meeting. Done. |
| JHE-61.2 | Circulated and briefly explain an updated set of CEC/CENELEC internal regulations and CEN Guides available on BOSS. Done (see report below and documents N685 rev1 / N825 rev1) |
| JFJ-61.3 | Prepare a new WI application for the conformance evaluation of 15509 to be sent to CEN. Done. These have been circulated for voting within CEN/TC278 (TC278/N1874 & N1875), together with the WD stage 32 document (TC278 N1876). |
| JFJ-61.4 | Prepare a new WI application for 25110 to be sent to CEN. Done. These have been circulated for voting within CEN/TC278 (N1877) together with the WD stage 32 document (TC278 N1878). |
| KPH-61.5 | Prepare Task Force minutes of the Trondheim 17573 meeting. Done (N997). |
| JHE/JFJ-61.6 | Prepare a new version of 15509 and send it to the TC for formal vote. Done. The deadline for formal vote is set to 2007-02-21 (national deadlines usually a few weeks before this date). |

ICA/JEN-61.7	Sort out any problems with the new numbering of parts in 17575 and the grant application. Pending.
ICA -61.8	SG5 to advise the WG, at plenary meeting in January 2006, on the objective, scope and how to progress the possible new part on profiles. Done. Discussed at SG5 (see SG5 report below).
ICA/JEN-61.9	Seek guidance from the TC and CEN on how to solve the remaining IPR issues in 17575. Pending (see SG5 report below). Mr. Engdahl noted that he awaits clarity on which items are covered by IPRs and are used by the different parts in the 17575 suite prior to seeking advice from the TCs and the central secretariat.

4. NEXT MEETINGS AND INTERNAL ADMINISTRATION

Next meetings

The next meetings are scheduled as follows.

Dates	Venue	Organiser
19-20 April 2007	Rotterdam	Vis
28-29 June 2007	Switzerland	Engdahl/Mühlethaler
4-5 October 2007	Madrid (tbc)	Martinez

It was also noted a suggestion from Mr Jouen to have a meeting in Ireland in the future.

The next meeting is provisionally set for Rotterdam. Mr Vis to sort out if Rotterdam or another Dutch city is the most appropriate place for hosting the next WG meeting (**action JVI-62.2**). Mr. Vis, in consultation with the convenor and secretary, to propose an EFC related presentation at the next WG meeting (**action JVI-62.3**).

The following preliminary overall schedule was agreed for the next meeting:

April 19	08:30 – 12:30	SG1 meeting (noting that there is a slight overlap with SG5)
	14:00 – 18:00	SG2 meeting
	11:00 – 18:00	SG5 meeting
April 20	09:00 – 15:00	WG1 plenary meeting

It was agreed not to have a meeting together with TC204 for autumn 2007. Unfortunately the timing is bad for a non-European meeting as there are likely to be active project teams at that time. WG1 will continue to seek for having meeting in conjunction with TC204 in the future.

Administrative issues

The secretary informed about the latest update of CEC/CENELEC internal regulations and CEN Guides. CEN continuously updates and modifies regulations, templates, guides, etc. The latest updates can be found in the "What's new" section of BOSS; <http://www.cenorm.be/boss/whatnew.asp>.

The most important changes for now are in the documents:

- N685 CEN/CENELEC. Internal Regulations – Part 2: Common rules for standardization work. 2002. revised 1 (2006)
- N825 CEN/CENELEC Internal Regulations Part 3: Rules for the structure and drafting of CEN/CENELEC publications E, F and D version (PNE rules)

All members of WG1 are recommended to read though the PNE-rules, in particular those involved in the editing of the draft standards. This will enhance understanding of the structure of standards as well as the avoidance of extra-editing.

Some other new or revised documents of interest are:

- CEN/CENELEC Internal regulations Part 4: Certification (2006)
- CEN Internal Regulations - Part 3: Terms of Reference of the CEN Certification Board (2006)

CEN/CENELEC Guide 6 – Guidelines for standards developers to address the need of older persons and persons with disabilities (2006).

CEN/CENELEC Guide 11: Production information relevant to consumers - Guidelines for standard developers (2006)

CEN Guide 12: Child safety - Guidance for its inclusion in standards (2006)

Members are advised to check these guides if deemed relevant for the standards being under development.

There is a short overview provided by the secretary of all relevant regulations documents in a document called " Where to find CEN and ISO rules and regulations". It can be found on WG1s LiveLink web site under "General Documents"

Please note all members are under obligation to be aware of all regulations by themselves. It is neither the task of the convenor nor the secretary of the working group to provide such service. Normally national standardisation bodies are well equipped to assist on these matters.

5. FEEDBACK FROM CEN/TC278 AND ISO/TC204

Progress of standards, voting, etc.

prEN is 15509 now out for formal vote with the deadline 2007-02-21.

There are three new WIs adopted in CEN:

"Conformance evaluation of on-board and roadside equipment to EN 15509"; CEN NWIs adopted (CEN/TC278 N1884 & N1885) in two parts

- EN ISO 278188-1: Conformity evaluation of OBU and RSE to EN 15509 – Part 1: TSS & TP;
- EN ISO 278188-2 Conformity evaluation of OBU and RSE to EN 15509 – Part 2: ATS

"On-board account interface definition" – 25110; CEN NWI adopted (CEN/TC278 N1886), noting that it is a joint ISO/CEN WI under ISO lead.

It is also noted that all three documents have reached stage 32

Our three grant applications have been (re-)submitted to the EC and there was a positive response from the EC to 2 of the 3 items; 17575 and "Conformity evaluation of OBU and RSE to EN15509". It is not clear why the grant application for Information flows is rejected, noting that it is clearly a response to the recommendations in the M/338 report as accepted by the Commission, and that we have requested motivation for EC's decision. An open call for individual experts (not teams) will be launched once the contract has been signed between EC and CEN/NEN. It is hoped that project teams can start work within 3 months from now.

The convenor briefly explained how project teams are related to the TC and the WG:

- CEN/TC278 is the principal for the Project Teams. The daily technical work of the Project Team is likely to be monitored by CEN/TC278/WG 1, and potentially by the SG;
- Project team members will be selected in such a manner that the required total skill sets are covered by the team formed by the selected team members. Project team members will be chosen in accordance with CEN guidelines, based on an open call of experts, selection of experts by an independent selection committee;
- The selection committee is composed of the chair and the secretary of CEN/TC 278, the convenor of CEN/TC 278/WG 1 and a representative from the CEN Central Management Centre and probably someone from the EU-commission;
- The project teams will be asked to be present at SG and WG meetings;
- The project teams are also likely to be required to engage in a consultation with key stake holders including the EC's EFC Expert Group.

CEN/TC278

There has been no TC278 meeting since the last WG1 meeting

Mr Engdahl reported:

- Four NWI proposals (4 parts) in the ERI-work have not been adopted due to lack of commitment of active participation. The outcome of the voting on the NWI proposals will be discussed at the next TC meeting.

The next TC278 meetings are scheduled for 29-30 March 2007 (**note**: change of dates from previously noted dates) in Berlin, Germany and 27-28 September 2007 in Florence, Italy.

ISO/TC204

The last TC204 meeting was held in Cape Town on 5-6 October 2006.

Mr. Engdahl reported:

- The location referencing suite of standards is advancing (ISO/CD 17572-1/3). This may be relevant for SG5.
- The CALM suite is advancing (ISO/DIS 21212-3). This may also be relevant for SG5.
- IFMSA (ISO/FDIS 24014-1) is out for formal vote (relevant for SG1).
- The ITS reference architecture standard on "Data presentation in ASN.1" (ISO/CD 14813-6) is to be submitted for DIS ballot.

The next TC204 meetings are scheduled for 23-27 April 2007 in Lexington, USA and 15-19 October 2007 in Tsingtao, China.

6. SUBGROUP REPORTS

6.1 SG1 report

Mr Foss reported on the SG1 meeting held 2007-01-25 (minutes in N1004).

17573 – EFC-Architecture

Latest draft: N930 rev4.

A task force meeting was held in Oslo on 10 January. The main topic was to go through all the comments for 17573 received. Task Force minutes together with all handled comments will be distributed to WG1 (N1003).

At the SG1 meeting there was a discussion on most of the comments being received based on the new draft being distributed (N930 rev4). There were new ideas and concrete proposals for change in the draft. Mr Foss noted the need for "more flesh on the bone" for some of the models.

How to divide 17573 into parts was discussed, including the relations to the Information Flows standard. Three main alternatives for dividing these were identified:

1. Architecture standard & Information Flows standard: architecture umbrella standard and consistent approach for all interface standards.
2. Architecture standard suite: potentially more in line with the (presentation of) ODP concept; preferred by SG1
 - a. Part 1: Enterprise viewpoint
 - b. Part 2: Information viewpoint
3. Architecture standard including the complete information flow content

There was a discussion on the mixing of architectures and interface standards. Mr Kudoh, and others, pointed out that we should keep standards clear between the two types as we have done in the past in WG1. After some discussions, it was agreed that the WG lacked information to take an informed decision on the issue. SG1 was therefore asked to provide a suggestion on a more general level on how the architecture standards will relate to each other, including;

alternatives, any impact on content, with pro's and con's with recommendation prior the next meeting (**action TFO-62.4**).

The following steps were agreed:

1. Today Mr. Caneschi provides Mr. Vis with the latest working draft, incorporating results of the latest SG1 meeting;
2. Mr. Vis updates the "terms and definitions" and circulates the new draft to the WG by 1 February (**action JVA 62.5**);
3. All WG members to submit their comments, using the commenting template, to the SG1 secretary by 15 February. The SG1 secretary, Mr. Philipp, prepares a report encompassing all received comments. (**action KPH 62.6**)
4. Mr. Caneschi updates the draft so that it is consistent with the agreed WI description (i.e. alternative 1 above). Mr. Foss, Mr. Foss, together with Mr Caneschi, prepares a "comments resolution report" and an update draft standard. Mr. Foss is given the mandate to submit the resulting draft standard for parallel TC comments (via the WG secretary). (**action TFO/FCA-62.7**)

Information flows between operators

Document: N965 rev1.

Nothing new on this standard apart from the "Parts-discussion" summarised above.

6.2 SG2 report

Mr. Jouen reported on the SG2 meeting held on 2007-01-25 (minutes in N1005).

15509 – IAP-DSRC

Document: N859 revA.

It was again noted that 15509 is out for formal vote, and was not discussed at SG2.

Conformance testing for 15509

Document: N860 rev4

A split into two parts has been agreed and is reflected in the new Work Items. It was again noted that there is a delay in Project team funding and that no progress has been made since the last meeting.

The best use of ETSI test standards was discussed and consulted with Mr Mulligan. ETSI proposes that the tests for those DSRC L2 and L7 requirements which are in EN 15509 (IAP specification) should be included in the same test suites as the DSRC L2 and L7 tests for EN 12795, EN 12834 and EN 13372. The ETSI DSRC L2 and L7 test specs (in ETSI TS 102 486) have been published and a second edition is being developed to incorporate comments from implementation experience. This 2nd edition will be sent for approval during summer 2007. Mr Mulligan also suggests that new tests to cover the EN 15509 requirements are inserted into TS 102 486 as part of this update (perhaps in the form of a new profile annex), and that the CEN-developed test specifications for EN 15509 should make reference to ETSI TS 102 486 for DSRC L2 and L7 tests. In this way, it is hoped that one test system may be able to test, for example, all the CEN DSRC L7 requirements, whether coming from EN 12834, EN 13372 or EN 15509.

25110 – On-board account interface definition

Document: N898 rev047.

The SG2 meeting discussed a new draft on 25110 from the Japanese national committee. SG2 now believes a draft can be prepared for the next meeting with the aim to be forwarded for TC-comments after the April SG/WG-meeting. All members are invited to comment on Rev 047 using the comment template until the end of February (**action all-62.8**). A new WD of 25110 together with the "comments resolution report" to be sent out by 4 April by Mr Nogushi (**action NNO-62.9**) (via the WG secretary). The WG's position on submitting 25110 for parallel TC comments will be sought at the next plenary meeting.

Other issues

Ideas to create a NWI to standardise personalisation of OBU had been discussed in SG2, based on old discussions and a recent French enquiry comment on 15509. It was concluded that it is premature to propose this as a NWI.

6.3 SG5 report

Mr. Catling reported from the SG5 meeting held on 2006-01-25 (minutes in N1006).

17575 – GNSS/CN based AID

It is noted that the "package" of documents to be sent to the TC as a part of comment resolution are:

- The Roadmap document
- The comment resolution report
- The new drafts of the different 17575-parts

The secretary noted that these should be circulated within the WG as soon as they are ready for this stage (even if not everything is agreed in all details in SG5).

There are still some disagreements in the group, and SG5 should try to make a list of the main open issues (31 issues listed at the moment) and provide guidance on how to resolve these (**action ICA-62.10**).

It was agreed that it is desirable to provide the anticipated project teams with a firm basis to take on their tasks. A key document is the Roadmap document, which should be updated with references to the latest draft comments resolution report, working draft standards and list of open issues. The updated Roadmap document should be forwarded to TCs for information and ideally form part of the call for experts (**action ICA/JHE-62.11**).

It is agreed that we should postpone any decision on the Profiles document, until we know what the formal status will be.

Work on all parts of the standard was reported. NWI proposals are to be sent out 4 weeks before the next WG1-meeting (**action ICA-62.12**). The WG's position to submit these NWI proposals for TC approval will be sought at the next WG plenary meeting.

IPR and patents

IPR and patents were discussed at the SG. Mr Catling will communicate further with Daimler Chrysler regarding their patent. There are still some answers awaited about patents. If there is no satisfactory resolution soon SG5 might escalate the action by involving the TCs and potentially the central secretariat.

It was agreed that Mr Catling (**action ICA 62.13**) will provide Mr Engdahl with a summary of the IPR situation in relation to the different parts of 17575, including the relevant correspondence, the original IPR statements and an auditable report related to the Daimler-Chrysler patent issue. Mr Engdahl will based on this information seek advice from the TCs and the CEN central secretariat for how to handle the outstanding IPR issues in practice (**action JEN 62.14**).

7. WG1 POSITION ON REVISION OF ENV 14062-1/2

Mr Philipp gave a brief overview of the issue. Mr Engdahl also added a bit of the history.

Back in the year 2000 CEN/TC224/WG11 completed the drafting of integrated circuited interface standards for road tolling. The first two parts were published as ENV 14062-1/2. There was no need at that time for a Part 3 and 4.

ENV 14062-1/2 is now up for revision. The principal options are (copy from BOSS):

- To convert the ENV into an EN, either directly by submitting the ENV to a 'Unique Acceptance Procedure' or by submitting the technically updated ENV to a 'CEN enquiry' followed by a formal vote
- To retain the ENV either
 - by extending the existence of the ENV for another 2 years or
 - by revising the ENV and issuing it as a CEN/TS
- To withdraw the ENV."

After some discussion Mr Engdahl summarised that WG1 does not have a common position on the issue, noting that WG1 and its members have not prepared themselves to take a view on this issue:

- This is not a WI of CEN/TC278(/WG1);
- WG1 is not aware of the detailed context of the revision;
- The content of 14062-1/2 is not broadly known within WG1;
- WG1 advises CEN/TC224(/WG11) to consider to retain the deliverables as "ENV/TS";
- Encourages members with an interest in these ENVs to express their views via their national standardisation bodies.

8. FUTURE EFC WORK ITEMS

Mr Engdahl briefly highlighted the previously noted topics. No new ideas were brought forward under this point.

9. EFC IN UNITED KINGDOM STATE-OF-AFFAIRS

There was a presentation by Mr Mackinnon (N1008) about the state-of-affairs of some EFC-issues in the UK. The presentation included an overview of DIRECTS, its business model and the OMIS set of specifications. A copy of OMIS is to be sent to the WG as soon as available (**action DMK-62.15**)

10. LIAISONS

CEN/TC278/WG3 SG5 on Public Transport

Nothing to report.

CEN/TC278/WG9 on DSRC

Is dormant.

CEN/TC278/WG12 on AVI/AEI

The progress on ERI NWI are reported under item 5 above.

Mr Vis reported about recent developments in new drafts.

CEN/TC278/WG13 on Architectures

WG13 has no active work items. ISO/TC204/WG1 is more active.

There is an initiative in the ISO-WG to make an ITS glossary available on the web.

ISO/TC204/WG8 on Public Transport & Emergency services

IFMSA is subject to formal vote.

Parts 2 of IFMSA is stopped for the moment.

CEN/TC224 WG11 on Machine readable card, related device interfaces and operations - Surface transport applications

No meetings since the last WG1-meeting.

ETSI

File name: WG1N1007 - WG1 MINUTES LONDON DRAFT

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Mr Mulligan gave a brief status report.

The next meeting of TG37 is next week, then 9-10 of May 2007. ETSI's proposed amendments to CEN's DSRC standards are likely to be discussed at the next meeting.

The Electronic Communications Committee's (ECC's) recommended use of the band 5725 – 5875 MHz for broadband fixed wireless access (see www.ero.dk/documentation/docs/doc98/official/pdf/REC0604.PDF and Ofcom's consultation ofcom.org.uk/consult/condocs/powerlimits/) may cause detrimental interference with EFC systems using 5.8 GHz DSRC, jeopardising operators' investments and business continuity.

The ECC recommendation is important, and apparently has been the subject of much discussion already in ETSI. He thinks that there is no issue, at least at ETSI and ECC level. Of course, it remains for ITS/DSRC operators to try to ensure that the ECC recommendations on co-existence are adopted by their national administrations.

EU EFC-Directive

Mr Mackinnon and Mr Hedin reported from the recent EFC Directive work.

Several expert group meetings have been held since the last WG1-meeting. At the last meeting there was severe criticism on the proposed EETS Management Body. The intention is to have four parts of the EC-decisions:

1. DSRC EFC
2. Satellites technology EFC
3. Organisational and contractual issues
4. Enforcement issues

The three first of these are envisaged during spring 2007, while the last one will have to wait – the last on enforcement to wait.

A road platform open meeting is organised by ASECAP at 23 February in Brussels.

Mr Hedin noted that EG12 on security is underway. There are several WG1 experts involved in the work (Erker, Foss, Hedin).

RCI-project

Mr Hedin attended the open RCI workshop in November 2006. He noted that RCI is taking up what is being left from CESARE, MISTER and other initiatives, thus being more and more important for the EETS work. They seem to be well informed about 17575, but not on other standards. In particular there is a need to harmonise architectures. Unfortunately our timetables mismatch as our 17573 is under debate and their architecture is being finalised now. Mr Hedin will forward RCI-documents as soon as they are provided.

WG1 concluded that we are open for cooperation and that it makes sense to appoint a liaison who is already a member of both forums. However, no formal liaison officer was appointed at this meeting.

National

There were some additional brief reports on national EFC progress.

Mr Benz reported that the new generation of OBUs is underway in Switzerland.

11. ANY OTHER BUSINESS

None.

Pending action points

Pending action points from WG1's 62nd meeting.

ICA-56.7 Make a comment resolution report for the 17575 TC-comments.

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- DMK-59.8 Give a presentation at the London meeting on any requirements identified regarding urban issues in the UK.
- ICA/JEN-61.7 Sort out any problems with the new numbering of parts in 17575 and the grant application.
- ICA/JEN-61.9 Seek guidance from the TC and CEN on how to solve the remaining IPR issues in 17575.
- JEN/JHE-62.1 Distribute TfL reports to the WG.
- JVI-62.2 Organise the next WG-meeting in The Netherlands. Sort out if Rotterdam or any other Dutch city is most appropriate.
- JVI-62.3 Propose an EFC related presentation at the next WG meeting in consultation with the convenor and secretary.
- TFO-62.4 Provide a suggestion on a more general level on how the architecture standards will relate to each other, including; alternatives, any impact on content, with pro's and con's with recommendation prior the next meeting.
- JVI-62.5 Updates the "terms and definitions" and circulates the new draft to the all WG by 1 February.
- KPH-62.6 All WG members to submit their comments, using the commenting template, to the SG1 secretary by 15 February. The SG1 secretary, Mr. Philipp, prepares a report encompassing all received comments.
- TFO/FCA-62.7 Mr. Caneshi updates the draft so that it is consistent with the agreed WI description (i.e. alternative 1 above). Mr. Foss, Mr. Foss, together with Mr Caneschi, prepares a "comments resolution report" and an update draft standard. Mr. Foss is given the mandate to submit the resulting draft standard for parallel TC comments (via the WG secretary).
- All-62.8 All members are invited to comment on the draft 25110 (N898 rev 047) using the comment template until the end of February.
- NNO-62.9 A new WD of 255110 together with the "comments resolution report" to be sent out by 4 April by Mr Nogushi (via the WG secretary).
- ICA-62.10 SG5 should make a list of the main open issues in 17575 and provide guidance on how to resolve them.
- ICA/JHE-62.11 Update the Roadmap document with references to the latest draft comments resolution report, working draft standards and list of open issues. Forward the updated Roadmap document to the TCs for information and as a basis for the call for experts.
- ICA-62.12 NWI proposals for the 4 parts of 17575 are to be sent out 4 weeks before the next WG1-meeting.
- ICA-62.13 Provide Mr Engdahl with a summary of the IPR situation in relation to the different parts of 17575, including the relevant correspondence, the original IPR statements and an auditable report related to the Daimler-Chrysler patent issue.
- JEN-62.14 Mr Engdahl will based on this information seek advice from the TCs and the CEN central secretariat for how to handle the outstanding IPR issues in practice.
- DMK-62.15 Provide OMIS-specifications to be distributed to the WG as soon as available.