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TC 278 Road Transport and Traffic Telematics

N1846

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Minutes of the 60th meeting of CEN/TC278/WG1 (and ISO/TC204/WG5) held in Stockholm on 2006-06-30

Present: Beier, Benz, Caneschi, Catling, Engdahl (chairman), Enge, Erker, Foss, Hayakawa, Hedin (secretary), Jouen, Kudoh, Lamy, Leist, Lotz, Louro, Martinez, Mulligan, Mühlethaler, Noguchi, Olsson, Philipp, Rafols and Vis.

Notice for absence: Bidaud, Birle, Carlsson, Flick, Mackinnon, Pettersson and Roux.

1. OPENING AND WELCOME

The convenor, Mr. Engdahl, opened and welcomed the members to the 60th WG1 meeting. Mr. Engdahl thanked the host, Mr Ulrik Karlsson and Sweco, for organising the meeting facilities and the highly appreciated social event.

A special welcome was extended to a returning member of WG1; Mr Bernhard Lamy, from Thales. He was one of the contributors to the 14906-standard, he now intends to focus on SG5 issues.

The secretary noticed apologies for absence received from: Bidaud, Birle, Carlsson, Flick, Mackinnon, Pettersson and Roux.

2. AGENDA

The proposed agenda was adopted without any changes.

3. MINUTES OF THE PREVIOUS MEETING AND ACTION POINTS

The draft minutes of the previous meeting (N961) were approved without any changes.

The status of the action points from WG1's 59th meeting was reported.

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| ICA-56.7 | Make a comment resolution report for the 17575 TC-comments. Pending. Mr Catling noted that this has now been started in SG5 with a draft report being prepared. |
| DMK-56.11 | UK input to the CAN-bus paper provided by Mr. Benz (N902). Pending. The convenor noted that this has been pending for a year now, and should be closed. The action is kept until the next meeting. |
| SBE-56.12 | Revise the CAN-bus paper accordingly (N902). Pending (as noted above). |
| JEN-57.6 | Letter to the TC204 secretary on IPR issues in 17575. Obsolete. After consultation with the SG5 convenor it was agreed to wait for the replies to the patent letter (N968), including the replay from "Highway Master", before deciding on any appropriate actions. |
| ICA-57.7 | Letter to WG-members on IPR-issues in 17575. Done (WG1 N968). The letter was sent 2006-06-02. |
| JEN-57.8 | Inform TC204 secretary and request to take the necessary action to ask "Highway Master" for a statement on negotiation of worldwide licences. Done. Mr Catling noted he has had contacts with Highway Master and received an informal response. We are now waiting for a written response. |
| JEN/TFO-58.1 | Invite ISO public transport experts to attend our Stockholm meeting in June for further exchange. Done. Mr Ogino of WG8 was present at the SG1 meeting yesterday. |
| TFO/JEN-58.2 | Organise a joint session with ISO/TC204/WG8 in conjunction with the Cape Town meeting. Pending. Room and date are reserved by TC204 on 2006-10-02. Content to be agreed between the two working groups. |
| FCA-58.3 | Make a new inception draft of 17573 to be attached to the NWI. Done (N930 rev2). |
| JFJ-58.7 | Make a presentation of the EC project on the universal OBU at the June WG1 meeting. Done (see below). |

- JHE-59.1 Explore the possibilities to move the WG1 web site to the CEN hosted LiveLink. Removed. Mr Hedin noted that he will monitor the TC-LiveLink service and progress and report on the issue when things are more mature.
- DMK-59.2 Amend and issue the Access Credential paper after comment. Done (WG1 N971 rev1).
- JFJ-59.3 Contact Mr Hamet to explore a liaison regarding EG12 and security issues. Done. EG12 has not yet been established. SG2 will monitor this for setting up a future liaison.
- NNO/KPH/JFJ-59.4 Prepare a full WI proposal for the ICC-standard and send it through the WG secretary to TC204. Done (WG1 N970). It was accepted at the TC204 plenary in Pusan in April as a new work item.
- REN-59.5 Kapsch to report on any input of own patents. Done. Mr Enge stated they have no patents to report relevant to the EFC standards under development.
- JEN-59.6 Contact Mr Hamet and send him the latest version of the project team proposal for 17575 to see if he can speed things up. Done. Mr Engdahl said that copies of three grant applications have been sent to Mr Hamet. There was a meeting between EC DG Enterprise, DG TREN and CEN held on 8 June. The meeting "approved" the M/338 report, by removing the EC actions from the final recommendations and thus removing a hurdle to address grant applications related to M/338 stage 2. An internal evaluation meeting was held on 21 June. Mr Catling said this meeting gave in principal a "go ahead" for (co)funding of 17575.
- JEN/ICA-59.7 Explore a more effective cooperation with ETSI for Japanese participation in 17575 communications work. Done. Messrs Engdahl, Catling and Mulligan have discussed different forms of cooperation, including ETSI-lead work. It is recommended to keep the item as CEN lead (joint CEN-ISO work items), also noting the forwarded EFC grant application, and to maintain good working relation with ETSI.
- DMK-59.8 Give a presentation at the Stockholm meeting on any requirements identified regarding urban issues in the UK. Pending.

4. NEXT MEETINGS AND INTERNAL ADMINISTRATION

Next meetings

The next meetings are scheduled as follows.

Dates	Venue	Organiser
3-4 October 2006	Cape Town	Hedin/TC204
25-26 January 2007	London	Mackinnon
19-20 April 2007	The Netherlands	Vis

Note: Dates for the April 2007 meeting are preliminary and may change due to TC204 planning.

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

Oct 2	Joint session with ISO/TC204/WG8
Oct 3	08:30 – 12:00 SG1 meeting. 13:00 – 18:00 SG2 meeting 13:00 – 18:00 SG5 meeting
Oct 4	08:30 – 10:30 Continued SG1/SG1/SG5 meetings 10:45 – 17:00 WG1 plenary meeting

The preliminary schedule above may be subject to change considering the overall time planning from the hosts of the meeting. The joint session with public transport standardisation experts (i.e. CEN/TC278/WG3 and ISO/TC204/WG8 takes place on Monday the 2 October. Detailed information with an agenda will be agreed between the groups.

The Secretary gave some practical information for the Cape Town meeting:

- A TC204 package has been sent out with all the practical information, applicable also for the WG meeting.
- All delegates must register via TC204 and the South African hosts (South African Bureau of Standards). The **deadline** for this is **18 August**. This is important, as hotels are usually crowded in Cape Town at this time of the year. The secretary will send out a reminder to the WG members highlighting that TC204 package and the registration deadline.

- The secretary will check with our South African members for a presentation on EFC state-of-affairs to be held at the WG-plenary (**action JHE-60.1**).

5. FEEDBACK FROM CEN/TC278 AND ISO/TC204

Progress of standards, voting, etc.

CEN ISO TS 14907-2 "Conformance test for the OBU application interface" was published on 2006-06-15.

prEN 15509 "IAP for DSRC" is currently out for CEN-enquiry (ends at 2006-09-14). All members are requested to copy national comments to Mr. Jouen and Mr. Hedin in order to allow for preparation of the handling of the comments prior to the next meeting.

The work item for 25110 (the "IC-card" standard) has been adopted as an NP (i.e. a full work item) at the TC204 meeting in April, according to the draft resolutions paper.

The convenor will propose it as a new WI in TC278 as well (**action JEN-60.2**).

CEN/TC278

There have not been any TC278 meetings since the last WG1 meeting.

Mr Engdahl reported:

- On the project team progress: (for 17575, Test spec, Info flows). The 17575 grant application is supposed to have been evaluated favourable within EC internally in June. It seems as if the EC will provide (co-)funding provided that a number of issues are resolved; a letter detailing these issues is being drafted;
- The other two grant applications have been submitted to CEN and are formally being forwarded to the EC with a request to process immediately with reference to M/338. No dates or timescales are known.
- The chair of the ITS Steering Group, Mrs. Cathy Jenkins, will address the urgency of processing all 3 EFC grant applications when she meets with EC officials.
- The M/338 report has been slightly updated after EC-comments. They did some changes removing actions for EC themselves in the action plan.

The next TC278 meetings are scheduled for 21-22 September 2006 (Budapest, Hungary) and 22-23 March 2007 (no location decided yet).

ISO/TC204

The last TC204 meeting was held at 24-28 April 2006 (Pusan, Korea). The WG5 convenor had provided a written status report (N967) and recommended TC204 resolutions, which were adopted:

- The 25110 work item on "ICC" has been adopted (see above and Resolution 506 from the TC204 meeting).
- The 17573 "EFC Architecture" revision work item has been activated also for ISO under CEN lead (Resolution 516)

Some known issues were reported:

- The TC204 secretariat will change as Mr Najarian is stepping down. It is being resolved, but apparently takes a bit of time.
- A new TC204 web site is launched at: <http://www.isotc204.com>.

The next TC204 meetings are scheduled for 2-6 October 2006 (Cape Town, South Africa) and somewhere in the USA during spring 2007.

6. SUBGROUP REPORTS

6.1 SG1 report

Mr Foss reported on the SG1 meeting held 2006-06-29 (minutes in N972).

17573 – EFC-Architecture

Document: N930 rev2.

As 17573 uses Open Distributed Processing (ODP) the Enterprise viewpoint was discussed. It was agreed to shortly explain to the reader how ODP works for the reader. The Enterprise viewpoint is divided into 4 parts in the standard:

- The conceptual model for the EFC community was discussed. It is noted that also non-equipped users solutions are included in the standard (like vehicle registration mark based solutions).
- The roles-description (taken from CESARE-3).
- There is an EFC system behaviour description using "Activity diagrams" at a very high level.
- EFC System policies.

There is also input to be used from the "Interoperable Fare Management" (IFM) standard. Security will be included in the next version.

It was agreed to split the enterprise and information viewpoint so that the information viewpoint is moved to the Information Flows standard. Mr Philipp noted he wants a tight link between the two documents.

It was proposed to have a workshop meeting on 8 September in Trondheim to make a final draft for the Cape Town meeting. Mr Foss is to organise this (**action TFO-60.3**). The time schedule is

- A working draft to SG1 by end of August.
- Workshop 8 September in Trondheim.
- A new working draft to WG1 in mid September.
- A first draft to be circulated for comments/information (stage code 20.60) at the TC by mid October 2006
- A final draft to be sent to the TC for CEN enquiry (stage code 30.99) by April 2007.

Information flows

Document: N965.

Progress of this standard has been within a small group of experts. Mr Caneschi has done a discussion paper, which will be distributed to the WG. The request for funding for a project team has been submitted to CEN but has formally not yet reached the EC.

The plan is to have a full work item proposal ready by mid October 2006, accompanied with a revised working draft document.

Other issues.

The agenda for the joint WG8 meeting was briefly discussed, with the following ideas brought forward:

- Exchange experiences and foster best practice related to architectures, information flows, security and ICC
- Present the 17573 architecture document
- Present the 2nd part of the IFM standard present (to us).
- Present the Information flows standard
- Focus on chip cards and security
- Terminology
- Overall architecture of standards, both groups to present this.

All members are encouraged to present further ideas to Mr Foss, who will co-ordinate this with WG8 (as noted above).

6.2 SG2 report

Mr. Jouen reported on the SG2 meeting held on 2006-04-29 (minutes in N973).

15509 – IAP-DSRC standard

Document: N859 rev9.

The comment period is ending 14 September 2006 so we expect to have comments before the next meeting. All members are advised to send a copy of national comment to Mr Jouen and Mr Hedin in order to allow for preparation of the handling of the comments prior to the next SG2 meeting.

The access credentials discussion paper has been amended by Mr Smith (N971 rev1). SG2 is happy with the discussion paper, but notes that the issue is not solved yet. All countries are asked to present their views and motivate it clearly in the CEN enquiry comments.

Conformance testing for 15509

Document: N860 rev4

It was again noted that there is a delay in Project team funding.

There has been no progress on the contents of the document since the last meeting. The question on how to refer to ETSI standards in the 15509-test standard was discussed. A proposal on how this is to be solved shall be done by Mr Pettersson and Mulligan (**action EPE/UMU-60.4**).

Mr Engdahl noted that it is needed to reinstate the work item as it was deleted by a mishap by CEN and the TC, related to the 6 months deadline for producing a draft for TC information upon adoption of a new work item. It was agreed that the convenor (**action JEN-60.5**) would propose 2 new works for adoption by TC278:

- "Test suite structure and test purposes" (Part 1)
- "Abstract test suite" (Part 2)

25110 – On-board account interface definition

Document: N898 rev020.

A new draft (N898 rev020) has been made and attached to the work item description (N970) being resolved in TC204 in Pusan. Mr Engdahl will propose this as a new CEN work item to TC278 (action noted above).

Mr Nogushi to make a new draft to be sent out by the end of).

6.3 SG5 report

Mr. Catling reported from the SG5 meeting held on 2006-04-29 (minutes in N974).

Overall issues

IPR issues and patents were discussed at SG5. It was noted that there is one specific patent of Daimler Chrysler. Mr Erker and Mr Beier is to resolve this.

A letter on patent issues was sent to all WG1-members by the SG-convenor 2006-06-02 (N968).

17575

Mr Vis has done a rather "mechanical" split of 17575 into the 4 parts, thus providing 4 new working drafts of the 17575 standards. These were discussed at the SG5 meeting in some details. SG5 has also decided to go for a profiling document (as compared to the relations 14906 and 15509). Mr Karlsson is to do a draft "test profiles" as an exercise to

see how this works out. This profiling part may actually be a fifth 17575-part. We will wait and see before making any decisions on this. There will, however, be no change in the Grant Application due to this.

New versions of "Communication", "Charging" and "OBU on-line update" specifications will be distributed to the WG1/(SG5) members by 9 September.

SG5 has started the comment resolution. There are some 16 outstanding items that need further discussion. The intention is to have a draft report finalised after the next meeting, and eventually to have the resolution report finalised by the end of the year. To be done by the end of the year.

The target dates were reviewed and confirmed. The aim is that WG1/SG5 by the end of this year will have: a completed resolution paper and all two of the four parts of 17575 ready as final working drafts.

It is noted that a more realistic approach is to have only the communications and charging ready by this year, which is the time table that has been communicated to the TCs. After some discussion the convenor concluded that we are not ready yet to commit to these dates, noting that the delay in preparing the standards and lack of clear target dates may make it more difficult for the WG to "defend" its WIs on a TC or CEN/ISO level.

Other

Mr Catling noted that the RCI-project is expanded to include two groups of suppliers, after a tendering process. The project is now to define use cases that will lead to test cases.

7. FUTURE EFC WORK ITEMS

Mr Engdahl recalled the list of items earlier discussed:

- Test procedures for SG5 standards.
- Cross border enforcement. Monitoring VERA developments as well as other EU-work.
- OBU API for access communication media. Monitoring CALM and CVIS for developments in this area.
- Urban RUC requirements. Invite urban RUC operators (such as Stockholm, Transport for London / Department for Transport to share their requirements and constraints).
- Non-metallised aperture. Monitor the earlier recommendations to TC278; ask ERTICO for permission to publish their report as a TR/TS and encourage ISO/TC22 to adopt a new work item on this subject.

It was also noted by Mr Caneschi that ETSI will be working on test specifications related to the Italian UNI-standard. There will, however, not be any profiling parts yet based on this. He also noted that this is the missing part for supporting the EETS.

Mr Engdahl concluded that we should monitor this progress in ETSI and also the EC-progress on the EETS, noting that there is a gap in standards (but that the EC also may rely on other documents than standards).

8. UNIVERSAL ON BOARD UNIT PROJECT

Mr Jean-François Jouen gave a presentation of the Universal OBU project (N976). The final report will be distributed within WG1 when available.

9. EXPERIENCES OF THE STOCKHOLM CONGESTION CHARGING TRIALS

Mr Birger Höök gave a presentation on EFC in Sweden and Stockholm (slides in N977). For further information, as well as evaluation report, end more please consult the home page of the project: <http://www.stockholmsforsoket.se/>. The main interim evaluation report is distributed to WG1 as N978.

10. LIAISONS

ETSI

Mr Mulligan gave a brief overview of the status of the ETSI work on test specifications for L2 and L7 (see N957 rev1). There are several document in this suite open for comments.

CEN/TC278/WG3 SG5 on Public Transport

Mr Foss reported that they had a meeting this week in Amsterdam. There is a discussion on part two on "Messages". The Architecture standard is being prepared for vote .

CEN/TC278/WG9 on DSRC

WG9 is in a dormant mode, although not formally yet. The TC is waiting for an ETSI proposal for improvements and will then decide on how to best revise the associated standards.

CEN/TC278/WG12 on AVI/AEI

Mr Vis reported that the ERI-standards are progressing. There have been difficulties in getting them properly circulated as this was done only by CEN and not ISO.

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

Mr Philipp reported that the next meeting (m60) in November might be the last one. IOPTA is now out for vote, and the work is done and the role of the group achieved. They might stay active to monitor maintenance of the Data element toolbox.

EU EFC-Directive

Mr Hedin reported that a draft COM decision (first part only) was circulated in April by the EC. This has been commented by member states and is now being processed by the European Commission.

EG12 on security is set to start after the summer. WG1 will seek to set up a liaison as soon as the group is in place.

National

There were some additional brief reports on national EFC progress.

11. ANY OTHER BUSINESS

None.

Pending action points

Pending action points from WG1's 60th meeting.

ICA-56.7	Make a comment resolution report for the 17575 TC-comments.
DMK-56.11	UK input to the CAN-bus paper provided by Mr. Benz (N902).
SBE-56.12	Revise the CAN-bus paper accordingly (N902).
TFO/JEN-58.2	Organise a joint session with ISO/TC204/WG8 in conjunction with the Cape Town meeting.
DMK-59.8	Give a presentation at the Stockholm meeting on any requirements identified regarding urban issues in the UK. Pending.
JHE-60.1	Explore the possibilities for a South African EFC-presentation at the next WG1-meeting in Cape Town.
JEN-60.2	Propose 25110 as a new WI in TC278.
TFO-60.3	Organise a workshop meeting on 17573, 8 September in Trondheim.
EPE/UMU-60.4	Sort out how to refer to ETSI standards in the 15509-test standard.
JEN-60.5	Reinstate the work item on the Test standard for 15509.