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**TC 278 Road Transport and Traffic Telematics**

**N1969**

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## Minutes of the 65<sup>th</sup> meeting of CEN/TC278/WG1 (and ISO/TC204/WG5) held in Madrid on 2007-10-05

Present: Appel, Beier, Caneschi, Catling, Enge, Erker, Foss (chairman), Hayakawa, Hedin (secretary), Janusson, Jouen, Kang, Kollenhofer, Kudoh, Leist, Lotz, Louro, Mackinnon, Martinez, Menendez, Mühlethaler, Noguchi, Ohst, Olsson, Roivainen, Russel, Tijink and Vis.

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### 1. OPENING AND WELCOME

The secretary, Mr. Hedin, welcomed the members and opened the 65<sup>th</sup> WG1 meeting. Mr. Hedin extended thanks from the working group to the hosts; ETSIT and in particular Maria Martinez for arranging the meeting facilities, the demo tour and the social event.

Professor Jose Menendez greeted WG1 welcome to Madrid and to ETSIT.

The convenor Mr. Engdahl had expressed his apologies for absence and arranged for Mr. Foss to chair this meeting. This was accepted by the meeting.

A special welcome was extended to our new members and guests:

- Seungmin Kang of KDEC Ltd (South Korea) replaces Mr Choi for this meeting.
- Daniel Ohst is working for Toll Collect (Germany). He will also become a full member of WG1.
- Paul Russell of ASFA, will also be formally appointed a member soon.

It was further noted that Mr Haykawa would be a full member of WG1 from now on.

The secretary added that a formal notification need to be communicated to the TC secretary (noting that it is common practice to also copy the relevant WG convenor and secretary) from the national standards bodies for all full members of the group.

The secretary noticed apologies for absence received from members: Carlsson, Choi, Engdahl, Haderer, Oehry and Philipp.

### 2. AGENDA

The proposed agenda (rev1) was adopted.

### 3. MINUTES OF THE PREVIOUS MEETING AND ACTION POINTS

The draft minutes of the previous meeting (N1047) were approved without any changes.

The status of the action points from WG1's 64<sup>th</sup> meeting was reported.

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|--------------|---|
| DMK-62.15    | Provide OMIS-specifications to be distributed to the WG as soon as available. Deleted..   |
| TFO-64.1     | Make a draft comment resolution report for prEN 17573 TC-comments. Done (see SG1 report below).   |
| TFO/KPH-64.2 | Prepare a draft NWI for the Information flows standard for discussion at the next meeting. Done (see SG1 report below).   |
| JFJ/NNO-64.3 | Make a draft comment resolution report for prTS 25110 TC-comments. Done (see SG2 report below).   |
| JFJ-64.4     | The SG2 convenor to contact different manufacturers to investigate their interest to join us in the work on the test standards for 15509. Done. Mr Jouen added that he has contacted 4 European manufacturers of which 3 say they have no resources for active participation, but they are willing to comment documents when available. |

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JEN-64.5	Make final amendments to the 4 work item proposals, in consultation with the main editors, and submit those to TC278 for approval. Done (see TC278 N1959 rev3). No resolution was agreed by correspondence due to a negative vote from France. The work items were finally accepted (with small amendments) at the TC278 meeting in Florence (TC278 N1965).
ICA/WBE-64.6	Make time schedules for all the parts of 17575 for the next WG meeting. Done (see SG5 report below).
DMK-64.7	Provide a paper of urban RUC requirements done by the UK for circulation in the WG. Pending.
WBE/JHE-64.8	Organise a Task Force Meeting to deal with the Monitoring work item in Berlin on 10 July 2007. Done (minutes in N1056). Mr Beier also added that 2 additional task Force meetings have been held since the last WG1-meeting (see report below).
FMU-64.9	Provide WG1 with relevant new reports from the RCI-project. Done (see documents; N1052-54).

#### 4. NEXT MEETINGS AND INTERNAL ADMINISTRATION

##### Next meetings

The next meetings are scheduled as follows.

Dates	Venue	Organiser
24-25 January 2008	Prague	Svitek
15-16 April 2008	Munich	TC204/Hedin
25-26 June	Finland	Appel

The TC204 meeting in spring 2008 is set for Munich in 14-18 April 2008. Thus WG1 should be able to hold its meeting in Munich on 15-16 April. Exact schedule is to be confirmed by TC204 later this year.

The meeting reflected on the needs and possibilities for joint meetings with ISO/TC204s WG8 and WG16. It was agreed to check the interest for such joint meetings and if they should be held in Munich during the TC204-week (Monday preferred). Mr Foss is to explore the possible objectives, scope and WG8's interests for (incl. preferred format) of a joint meeting in April (**action TFO-65.1**). Mr Tijink to explore the interest and possibilities with WG16 (**action JTI-65.2**).

Mr Appel said they would be happy to arrange a WG-meeting in Helsinki, Finland, in June 2008.

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

January 24 09:00 – 18:00 SG meetings (same as previous meetings – exact hours to be added).

January 25 09:00 – 15:00 WG1 plenary meeting (exact hours might be subject to change).

The meeting agreed to have the usual principal timing for the Prague meeting, and details to be worked out by the WG1-secretary together with the convenors. It was noted that there might be Project Team meetings on the Wednesday preceding the dates above.

##### Administrative issues

Mr Hedin had initiated a general discussion on the organisation of sub-groups and the timing of WG1-gatherings noting that:

- The overall workload in WG1 has approximately doubled during the last three years.
- SG5 has a huge workload (while SG1 & SG2 have a more normal workload).
- The Compliance Checking task is “horizontal”.
- Sub-groups are for performing work, while the WG-plenary is for overall coordination and decision-making.
- There is shortage of time at WG-gatherings, we might seek ways of more efficient meetings.
- Some members want to take part in several sub-groups.
- Travel from distant countries is a limitation for the use of one day Task Forces (in particular when travelling from Asia).
- We have different opinions on this in the group and an agreement that fits all might not be possible.

The sub-groups reported their views on the subject based on discussions the day before:

Mr Jouen summarised the SG2 position:

- Prefers 2 day meeting to 3 days.
- Proposes Wednesday/Thursday instead of Thursday/Friday.
- Task Forces might be acceptable but not if Asian participation is required.
- A new SG on Compliance Checking is acceptable and might convene in parallel with SG1.

Mr Foss added on SG1:

- Wants to have a policy that if someone wants to take part in several SGs, their organisation should send two experts, rather than having very large SGs (in sequence).
- Prefers a smaller but more efficient sub-group focussing on work.
- 3 days meetings would be too long.
- Prefers not to use Monday and Fridays he wants to be at the office at the start and end of weeks.
- Previous reasons for our late week meetings are not valid anymore (e.g. cheap airline tickets over weekends).
- Timing should be flexible as workload changes between meetings.

For SG5 Mr Catling added:

- SG5 normally needs  $\frac{3}{4}$  of a days is SG5.
- When the project teams are in place, they might want to meet the day before the SGs.
- Midweek meeting will give us more time and the possibility for later WG1-plenary on Day-2 (i.e. time for SGs in the morning).

Mr Beier added that the number of people travelling should be considered too (as sending 2 experts add costs for a company). He proposed 2,5 days of meetings starting on the afternoon of day 1.

Mr Mühlethaler requested meeting planning further ahead (a full year). Mr Hedin noted that this might be difficult as we are dependent on the TC-planning and they (TC204 at least) seldom plan that far ahead. He also noted that the request might be met if the TCs play further ahead. This request will be forwarded to the TCs.

After some discussion the meeting agreed to the following as a basis for WG/SG-organisation:

- 2 days for WG-gatherings are preferred. Noting that PTs might meet on the day before day 1.
- Mid week meetings are preferred (Wednesday/Thursday leaving Tuesday as spare date)
- If possible having a shorter WG-plenary starting before (or at) lunch on day 2, thus creating space for sub-groups in the morning of day 2. Noting that WGs might be extended to 17:00 on day 2.
- SG2 and SG5 might take part in parallel but other SGs should be sequential if timing and workload allows for this. If meetings are very crammed, other SGs might also be in parallel (e.g. SG1 with Compliance Checking TF).
- Allow for limited use of interim meetings noting respect for experts with long travel distances.

The WG did not agree to start a new SG to handle the Compliance Checking work item. For the time being work will continue as started with an ad hoc Task Force taking on the work. Documents and input relating to this work item are thus distributed within the WG (through the secretary for numbering, send out and LiveLink posting).

## **5. FEEDBACK FROM CEN/TC278 AND ISO/TC204**

### Progress of standards, voting, etc.

Results from TC-ballot of prTS 25110 can be found in TC204 N2152.

Results from TC-commenting of prEN ISO 17573 can be found in TC278 N1959 and N1961 (the latter includes late UK comments).

Splitting of TS 17575 (TC278 N1957 rev 3). The TC secretary shortened the titles, in consultation with the WG convenor, as the original proposals did not comply with the CEN drafting rules (N825). He also noted that some old CEN (TC278) published standards do not comply with the rules.

#### CEN/TC278

The last TC278 meeting was held in Florence in 28-29 September 2007. Resolutions are found in TC278 N1965. The WG convenor had submitted a number of documents, prepared by the assistance of the WG members, to the TC278 (N1067 rev 1).

Mr Caneschi gave a report from the meeting:

- Target dates revised according to the WG1 status report.
- IPR issues discussed related to standardisation of EFC in general and prCEN ISO / DTS 17575 in particular (see WG1 N1035 rev1). CEN/TC278 requests CEN/CMC to take immediate action to resolve IPR issues as identified in TC278 N1952.
- The NWI on "Compliance checking of GNSS/CN systems over DSRC" was accepted by the TC. The first target date (WD for TC review) is 2008-04<sup>1</sup>.
- TC278 urges ETSI ERM (TG37) to take measures to avoid impact on the deployed CEN DSRC systems under the responsibility of CEN/TC278, noting that around 15.000.000 DSRC on board units and 15.000 roadside units are deployed collecting revenues in the order of €20.000.000.000 per annum.
- TC278 decided to split WI 278104 "Application interface definition for EFC based on GSSN/CN" into 4 WIs, with the titles and the target dates and the scopes as defined in CEN/TC278/N1943. They also note that the EETS should be considered and; *"instructs it WG1 to actively investigate the impact of the RCI architecture on the new work items and to adapt its work accordingly"* (**action ICA-65.3**).
- TC278 advises the European Commission to reconsider its position regarding the priority and possible funding of the Information Flows issues.

Mr Hedin added some information (based on the resolutions report):

- EN ISO 14906:2004 is subject to a one-sided review initiated by ISO. TC278 made a sharp point on this and noted that this is not in the spirit of the Vienna Agreement.
- The funding of project teams for 17575 and the Test Standard for 15509 is under way. The Call for experts in document TC278 N1950. The closing date for this call is 15 October.
- The report on metallised windscreens that (originally developed by ERTICO) has now been amended to be published as a TR (done by AFNOR) as TC278 N1960. It is now out for formal vote.

Mr Enge added that there is a proposal for the establishment of an ETSI TC on ITS (TC278 N1962). It is unclear if this will proceed into action, as there might be serious overlap issues with CEN (and ISO).

The next TC278 meetings are scheduled for 13-14 March 2008 in Delft, The Netherlands, 25-26 September 2008 in Paris, France and 19-20 March 2009 (location tbc).

#### ISO/TC204

There has been no TC204 meeting since the last WG1 meeting.

Mr Hedin reported on recent progress:

- The periodic review of ISO 14906 has been initiated. Members were urged to check this and provide comments through the national bodies by mid December 2007 (noting that deadline are normally set a month earlier in each country).
- No one from WG5 will be present at the TC204 meeting in Tsingtao. An outreach seminar is held in Tsingtao on 17 October where Mr Evensen has kindly accepted to present the WG1 standards work and the presentation (N954 rev 1) prepared by Mr. Engdahl.

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<sup>1</sup> There is an error in the draft resolution report where the target year is wrongly noted as 2009 (the correct year of 2008 has been confirmed after contacts with the TC-secretary).

Mr Enge added that TC204 is setting up a new working group (WG17) on "nomadic devices".

The next TC204 meetings are scheduled for 15-19 October 2007 in Tsingtao, China, and 14-18 April 2008 in Munich, Germany.

## 6. SUBGROUP REPORTS

### 6.1 SG1 report

Mr Foss reported on the SG1 meeting held 2007-10-04 (minutes in N1086).

#### 17573 – EFC-Architecture

Latest draft: N930 rev12.

The TC-review of 17573 is closed and yielded some 125 comments (TC278 N1959 and N1961). The most crucial comments were highlighted at SG1 and were discussed in the group. It was agreed that an editorial group of some 4-5 experts would be established to make final comments and to make a new draft standard by early November (**action TFO-65.4**). This will be sent to WG1 for further comments. Using the feedback the editorial group will make a "final draft" in advance of the SG1 and Wg1 meeting in January.

The time schedule was retained:

DIS: 2008-02

FDIS: 2008-10

IS: 2009-02

#### Information flows between operators

Document: N965 rev1.

SG1 had a discussion based on a new draft done by Mr Caneschi. There has also been some work on a NWI description. Mr Foss concluded that this is mature for sending to the TC as a NWI (along with a synopsis of the standard). However, no NWI-description has been made available to the WG, so it was agreed first to send this out to the WG for additional comments, and then to make a final version for handing to the TC. The WG convenor is mandated to send this to the TC, if he judges this as mature enough (**action TFO/JEN-65.5**).

Time schedule (TS-track):

NWI: 2007-11

CD: 2008-05

DTS: 2008-11

TS: 2009-01

### 6.2 SG2 report

Mr Jouen reported on the SG2 meeting held on 2007-10-04 (minutes in N1087).

#### 25110 – On-board account interface definition

Document: N898 rev054.

CD-ballot was closed with all positive votes and some comment received (from Sweden). All changes have been accepted by SG2 and will be redrafted by the TC204 Committee in Japan. The document seems ready for vote. As a last check it was agreed first to send the new draft out to the WG for additional comment, and then to make a final version for vote. The WG convenor is mandated to send this to the TC, if he judges this as mature enough (**action NNO/JFJ/JEN-65.6**).

The time schedule was agreed as follows (TS-track):

DTS: 2007-11

TS: 2008-05

#### Conformance testing for 15509

Documents: N1031 and N1032.

There is no news on this work item as we are still waiting for the Project teams to start. The SG briefly discussed organising this. PTs will report at each SG2 meeting. The call for experts (WG1 N1068) outlines the working method/approach. The WG noted that the normal procedure in TC278 is that the WG1, supported by the WG and SG convenors, monitors the PT

#### 14906 revision

SG2 notes the (premature) initiation of the periodic review of 14906. The WG confirm that the objective should be end up with identical text in the CEN and ISO version of the standard.

SG2 concluded that there are sets of issues that may be amended in 14906, and are prepared to start working on this at the next meeting. E.g. needs for revision was identified during the work on 15509. Members are asked to make comment and suggestions the "normal way" though the national bodies. The deadline is 2007-12-17 (noting that this deadline is normally set about a month earlier in each nation).

### **6.3 SG5 report**

Mr. Catling reported from the SG5 meeting held on 2007-10-04 (minutes in N1088).

#### 17575 – GNSS/CN based AID

Most of the meeting was assigned to discussing technical issues in 17575. It was agreed to move a section of Part 3 to Part 4. The issues to be dealt with are still the ones (40 to date) listed in the "issues list". The TC comments on the NWI were discussed and will be catered for. It was noted that the scope for the standard still remains the air interface. 17575 is a set of tools for enabling interoperable services – it is not a service definition in its own.

SG5 envisaged that the way of work would change when the Project Teams is established. The liaison to WG1/WG5 should be very close and there is a need for a comprehensive briefing when the PT kicks off. This will include clear high level requirements on the PT-work. PTs are expected to start in December.

There has also been a Task Force meeting on the Part on Update in Stockholm on 7 September. An additional interim SG5 meeting is scheduled for December (provisionally the 10 December in London, **action ICA-65.7**). There will be RCI demonstration in London in December. Mr Catling will see if WG1 can be invited. (**action ICA-65.8**)

Time schedule according to SG5 is:

- Part 1/2: First drafts ready by of 2008-06, final drafts by 2008-12.
- Part 3/4: First draft ready by 2009:04.

Mr Hedin noted that this is not fully in line with the TC resolution on 17575, but there might be some room for change. The WG and SG convenors should keep an eye on this and sort it out (**action ICA/JEN-65.9**)

The numbering for the parts in 17575 is now settled. The reference is found in the TC-resolution (TC278 N1965.).

#### IPR and patents

Mr Beier had made a presentation on recent patent in SG5. The slides will be circulated in WG1 (N1094).

### **6.4 Task Force report; Compliance Checking**

Documents: NWI proposal: N1055. Draft ToC: N1066.

Mr Hedin summarised the progress since the last WG-meeting, where there was a broad interest in developing standard(s) to support compliance checking, but no specific agreement on the scope and contents of the work. Hence this discussion was delegated to a Task Force meeting being held on 10 July (minutes in N1056). Based on this the convenor, Mr Engdahl, concluded that the updated NWI proposal enjoys broad support, noting that the contents of work will be further discussed at Task Force meetings in 22-23 August (N1078) and 25 September (N1091). It may also be noted that members have the possibility to vote and add comments in the TC when discussing the NWI there.

The NWI was adopted at the recent TC-meeting (TC278 N1965). The standard follows the TS-track as a Full New Work Item.

Mr. Beier reported on the progress of the three Task Force meetings held on "Compliance checking" (noted above). There has been a focussed discussion on what is needed. EN ISO 14906 includes a lot and shall be the basis. A "Pick what you like" concept is adopted as in 15509. Attributes that are not available should be defined. Also enforcement strategies and security issues have been discussed.

Time schedule (TS-track):

CD: 2008-04  
DTS: 2008-10  
TS: 2009-01

There is currently only a potential interest from ISO-members in this. It is agreed to keep it dormant in ISO and see what happens.

Mr Beier agrees to convene the next meeting on the work item (**action WBE-65.10**). He was also asked to table a question about any IPR-issues related to the new work.

#### Augmentation issue

Mr Beier also reported that the new work ideas on Augmentation of GNSS using DSRC-beacons were discussed at a Task Force meeting. It was there noted that the need is not as urgent and that it might be wise to wait a while before taking up this piece of work. It was agreed to keep this dormant for the time being.

## **7. FUTURE EFC WORK ITEMS**

There were no new ideas reported.

## **8. IMPACT ANALYSIS OF IMAGE PROCESSING SYSTEMS IN FREE-FLOW TOLLING**

This item of the agenda had to be cancelled as the presenter, Mr Andrés Sabatel, could not take part due to childbirth. WG1 congratulated the father and hoped that we could have this presentation at a later meeting.

## **9. LIAISONS**

There were some liaisons reported.

#### CEN/TC278/WG3/SG5 – Interoperable Fare management

Mr Foss reported that the WG will meet in China in conjunction with the TC204 meeting. The group has now also started working on an Information Flows standard that may be of interest for our work on the same subject.



CEN/TC278/WG9 – DSRC

The group is dormant. Mr Enge reported that TC278 is waiting for ETSI to put forward their requirements for change in DSRC standards.

ISO/TC204 WG8 – Public Transport and Emergency Services

See WG3/SG5 report above:

EU EFC-Directive

Dates for upcoming meetings includes:

The ICTSB/ITSSG will meet at 31 October in Brussels.

The Electronic Toll Committee meets at 20 November in Brussels.

CESARE-4

Mr Foss reported that the CESARE-4 project is not formally launched yet, but informally work has started. WP01 includes checking the CESARE-3 results with real life implementations. The entire project will result in recommendations for the EETS including the "Application Guidelines". The project take place in close liaison with the EC. ASECAP and the Stockholm-group lead the 3 million € project jointly. The time line is not yet finalised.

As the work will include references to standards WG1 agreed that it would be desirable to set up a liaison with the CESARE-4 management. The project leader Tore Eiriksrød, ASFINAG, will be invited to our next meeting (**action TFO/JHE-65.11**)

RCI

Mr Mühlethaler mentioned that RCI will finalise specifications at the end of the year. An open workshop will be held during spring 2008.

National reports

Slovenia is having a new satellite based system installed in 2009. Mr Catling will contact experts from Slovenia and invite them to our group (**action ICA-65.12**).

**11. ANY OTHER BUSINESS**

Mr Foss closed the meeting thanking Ms Martinez for the arrangements. The meeting expressed its gratitude to Mr Foss for acting as chairman during the meeting.

**Pending action points**

Pending action points from WG1's 65<sup>th</sup> meeting.

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|------------------|--|
| DMK-64.7         | Provide a paper of urban RUC requirements done by the UK for circulation in the WG.  |
| TFO-65.1         | Explore the possible objectives, scope and WG8's interests for (incl. preferred format) of a joint meeting in April.   |
| JTI-65.2         | Explore the interest and possibilities of a joint meeting with WG16.   |
| ICA-65.3         | Actively investigate the impact of the RCI architecture on the new 17575 work items, as defined in CEN/C278 N1943, and to suggest required adaptation of the work. |
| TFO-65.4         | Set up an editorial group for EN 17573, make a final comment resolutions report and make final draft to be sent out ahead on the January WG-meeting.               |
| TFO/JEN-65.5     | Send a draft NWI for the "Info Flows" out to the WG for comment. Based on comment make a final version and send this to the TC.                                    |
| NNO/JFJ/JEN-65.6 | Send the new draft TS 25110 out to the WG for comment. Based on comments make a final version and send this to the TC for DTS-vote (if mature enough).             |
| ICA-65.7         | Convene an interim SG5 meeting in December.  |
| ICA-65.8         | Explore if WG1 might be invited to the RCI demonstration in London in December.  |
| ICA/JEN65.9      | Sort out the timing of the parts of 17575 in alignment with the TC-resolution and PT-planning.   |

WBE-65.10	Convene the next TF-meeting on the Compliance Checking work item
TFO/JHE-65.11	Invite the project leader of CESARE-4 to the next WG-meeting.
ICA-65.12	Contact experts from Slovenia and invite them to WG1.