



Date 2015-06-30	<b>CEN/TC 226/WG 3 N 240</b> <b>"Vertical signs"</b>
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## Draft minutes of the meeting of

### CEN/TC 226/WG 3 "Vertical signs" in Copenhagen on 20<sup>th</sup> May 2015

Name	Standardisation Organisation	present	absent
Adam, Richard	BSI		x
Arbaoui, Mohamed	AFNOR		x
Bargen, Christian	DIN	x	
Baron, Will	BSI	x	
Beilharz, Stefan	DIN		e
Carniol, Thomas	AFNOR		e
Desport, Michel	AFNOR		e
Carniol, Thomas	AFNOR		e
Ewald, Jürgen	DIN	x	
Forster, Christian	ASI	x	
Michaux, Gauthier	NBN		e
Holmén, Hans Gunnar	SFS		e
Jacobi, Sandra	DIN	x	
Jongen, Maurice	NEN	x	
Kafłinski, Roman	DS		x
Kamden, Henri	AFNOR		x
Lehtonen, Kari	SFS	x	
McCaugherty, Tony	BSI	x	
Moravcikova, Lenka	SUTN	x	
Newell-Hart, Liz	BSI	x	
Nuyttens, Rik	NBN	x	
Panek, Lilian	DIN	x	
Le Pape, Manuel	AFNOR		e
Peschiera, Michele	UNI		e
Richardson, Karen	BSI		e
Sauter, Gernot	DIN	x	
Schenk, Bas	NEN	x	
Sebaoun, Katy	AFNOR		x
Sköld, Johnny	Norsk Standard	x	
Sørensen, Kai	DS	x	
Toth, Martin	UNMZ	x	
De Vlieger, Sophie	NBN	x	
Wood, Michael	BSI		e
Zehntner, Peter	SNV	x	

(e) = excused

**Agenda:** see document **N 222**

## 1 Opening of the meeting

The convenor of CEN/TC 226/WG 3, Dr. Jacobi, and Ms Panek welcomed the members to the meeting. Mrs Jacobi thanked Kai Sørensen for hosting the meeting at the Danish Road Administration. The invitation was circulated with document **N 212** on 2015-02-02 and a total number of 20 participants from 12 CEN member states attended the meeting.

**→ ACTION all:** Please register for upcoming meetings via Voting Booth or email **in time before the meeting!**

## 2 Roll call of members

See document **N 214**

Dr Jacobi asked all members to quickly introduce themselves also mentioning the nominating organization. Ms. Panek had already informed BSI, NBN and Norsk Standard of changes to be made in the GD for Mr Mc Caugherty, Mr Sköld, Mr Vancampenhout, etc. The NSB did apparently not react and Ms Panek will send a reminder via email. NBN confirmed the removal of Mr Vancampenhout.

**→ ACTION:** Ms Panek to circulate the update member list prior to next meeting of CEN/TC 226/WG 3.

## 3 Adoption of the agenda

See document **N 222**

The agenda was adopted without additions.

The following N-Numbers were added to the agenda:

Item 9: status NAC: **N 203**

Item 9: new CEN ENQ: **N 211**

**→ ACTION all PT leaders:** **As a general standard - Please send in your PT status reports to WG 3 secretariat at the latest 1 month before the next WG 3 meeting for informative distribution in Livelink.**

## 4 Adoption of the minutes of the last meetings

See document **N 214**

The report of the last meeting of CEN/TC 226/WG 3 of 2015-02-04 was adopted without comments.

## 5 Report about CEN/TC 226 activities

See documents **N 219/N 220**

As a report on the last plenary in Vienna had been given during the last meeting, Ms Panek reported that the next meeting will be held at DIN in Berlin on 11th and 12th of June 2015.

## 6 Status of work in Project Teams (PTs):

- **PT 1 A:** EN 12899-1/-6 (Sørensen)

See document **N 218, N 228, N 229**

Mr Sørensen reported that the last PT 1 A meeting had taken place on 19<sup>th</sup> May 2015. He mentioned that in total three PT 1 A meetings had taken place. The first meeting was held in autumn 2014, the second on 22<sup>nd</sup> April 2015 and the third one preceded the WG 3 meeting. He pointed out that the

discussions are intense and not easy in the Project Team. Regarding the development of part 6, Mr Sørensen explained that several CEN members have regulations that have to be respected and that the process of aligning application classes with reflection classes is complicated. In order to consider all existing products on the market, a high number of combinations have to be provided. He reported that he had received relevant data from several companies that produce microprismatic sheeting but failed to find a synthesis between the data. Moreover, he pointed out that the data and the proposals made by the experts were sometimes contradictory. This was the status before the last WG 3 meeting in Paris where the experts of WG 3 agreed that PT 1 A should continue trying to find a compromise. Another meeting with external experts who were available for consultation during meeting breaks took place in April 2015. Outcome of this meeting was the proposal to define "clusters of materials" as a solution and to possibly elaborate an informative annex for classes. The PT leader made it clear that the central question in PT 1 A is related to performance and the difficulty to define classes.

Dr. Jacobi remarked that in order to keep mirror committees and WG 3 members informed, the meeting minutes of the "informal" April meeting should be distributed. As it was a non-official meeting, she proposed that a statement could be included that no decisions were taken.

→ **ACTION: Mr Sørensen to provide minutes.**

**DONE**

Mrs Jacobi's secondly proposed to request the following for discussion at the upcoming plenary:

- Include classes and levels in hEN – yes or no?
- Guidance for future procedure.

#### A discussion on classes ensued:

Mr Sørensen remarked that it would have been helpful to establish a system in the 90ties instead of elaborating the CUAP and Mr Bergen agreed. Mrs Newell-Hart raised the question how the MS (member states) will deal without the provision of classes. Mr Bergen explained that the EC's main concern at the moment seems to be the reduction of barriers to trade caused by classes. Mr Nuytens added that the classes evoke a feeling for the performance of the products and provide ideas about them. It also became evident in the discussion that whether or not classes are only informative or normative makes quite a big difference in terms of scope of action of the MS. The convenor pointed out that the EC focuses on the tradability of goods while WG 3 experts are also concerned with the safety aspects.

#### Test procedure

Regarding the comprehensive testing, the PT leader pointed out that the rotational symmetry of microprismatic sheeting material is different from the rotational symmetry of glass beads. This was the main reason for introduction of the comprehensive test for the ITT. Mr Sørensen made it clear that the comprehensive test is not suitable of the FPC being too complicated and costly. Mr Bergen remarked that there is a crucial problem relating the performance to the classes and explained that the German proposal (see drop in box for members, PT 1 A) represents an attempt to create comparability. He proposed to generalize the testing procedure by means of an artificial table to define levels. In addition, he pointed out that member states invented more classes over the years which by the mandate should have been included in the CUAP. Mr Nuytens remarked that the 13 years old history of the CUAP led to the EAD which enables producers to elaborate ETAs. Mr Sauter explained that ETAs were not recommended by the EOTA. Mr Mc Caugherty remarked that the table proposed does not impede innovation.

#### **CONCLUSIONS:**

- Mr Sørensen requested clear guidance from WG 3 regarding further procedure; he pointed out that he does not know what to do about RA1 and RA2 classes, asking if the requirements shall be maintained and the test regime for those classes to be kept noting that two different test methods for evaluation of one characteristic is not valid/possible;
- Mrs Jacobi pointed out that the aim should be to draft a material independent standard and indicated that a quick way forward might be to maintain the status quo by keeping the slightly revised old tables and adding new ones for the microprismatic material; she explained that the German mirror committee had the impression that consensus was difficult to be reached in PT 1 A and decided to forward a practical proposal as aid for a compromise;
- Mr Sørensen requested WG 3 to clearly indicate whether or not to change the direction of work in PT 1 A. He stressed again the difficulty to introduce classes and expressed his concern that

by following the German proposal no sensible/serious grounds for the drafting of a standard for microprismatics are set;

- Long discussions on the further procedure ensued.

→ **ACTION:** Please send in missing meeting reports, to-do-list with open discussion points as well as the current draft to WG 3 secretariat by **5<sup>th</sup> JUNE 2015**.

- **PT 1 B:** EN 12899-1 (Ewald)
- See document **N XXX**

Mr Ewald reported that the PT 1 B finalized the draft some months ago and is currently awaiting the other PTs to finalize their work. He pointed out that up until now no comments except from Martin Toth were received regarding the working document.

→ **ACTION:** Please send in missing meeting reports, to-do-list with open discussion points as well as the current draft to WG 3 secretariat by **5<sup>th</sup> JUNE 2015**.

- **PT 2:** EN 12899-2 (Richardson)

See document **N 223**

Mrs Richardson was excused from the meeting and Mrs Newell-Hart reported in her stead that PT 2 had met twice and that preparatory work on self-lighting bollards had been done by UK experts. She explained that a national UK standard was partially adopted into the working document. Ms Panek will contact Mrs Richardson and inform about the further procedure.

→ **ACTION:** Please send in missing meeting reports, to-do-list with open discussion points as well as the current draft to WG 3 secretariat by **5<sup>th</sup> JUNE 2015**.

- **PT 3:** EN 12899-3 (Beilharz)

See document **N 231**

Mr Beilharz was excused from the meeting and Mrs Moravcikova and Mr Toth reported on the status of work in PT 3. Comments from Mrs Moravcikova regarding the expensive, extensive testing proposed were sent in to Mr Beilharz and changes incorporated into the draft. There was some disappointment that no meeting had been held to discuss the contributions. Provisions for the implementation of new colours for the delineator posts are planned. Mr Lehtonen remarked that the issue "snow removal" should also be considered in the draft and Ms Panek informed that Mr Beilharz was about to propose something on the snow load problem. Ms Panek will contact Mr Beilharz and propose to hold a PT 3 meeting.

→ **ACTION:** Open point from last report on night-time chromaticity – Mr Bargaen offered to discuss the issue in the Sector Group 4 "Circulation Fixtures" of notified bodies.

→ **ACTION:** Please send in missing meeting reports, to-do-list with open discussion points as well as the current draft to WG 3 secretariat by **5<sup>th</sup> JUNE 2015**.

- **PT 4:** EN 12899-4 (Sköld)

See document **N 224, N 225, N 233**

Mr Sköld reported that he received comments from Sweden and the UK to the table that PT 4 had established during the last meeting. Mr Lehtonen had suggested introducing the new template for hEN and the draft has been restructured accordingly. Experts from the UK and France remarked during the March meeting of PT 4 that determinations for fixings should be made in the draft because these products are being sold separately. Mr Sköld had requested proposals but did not receive any input up to now. Mr Lehtonen explained that the intention is to make CE-marking possible for fixings. Mr Bargaen and Mrs Jacobi remarked that fixings are not in mentioned in the mandate M/111 and pointed out that a change in the scope consequently results in a change of the answer to the mandate. Mr Sköld

requested WG 3 on guidance how to deal with the fixings (e.g. amendment to answer to the mandate or likewise) and the convenor responded that first of all the requirements on the fixings shall be determined. Mr Lehtonen answered that there are two different requirements resulting from wind load and passive safety and depending whether or not the post is three- or two-legged. Mr Bergen explained that the clamp comprises the assembly and remarked that testing (physical or by calculation) is compulsory with this component as a whole system. Mr Sköld prepared a presentation and reported on the main points of revision (see PT 4 drop-in box for members). He pointed these changes:

- **Simplification of test for permanent deflections** (comparability to lighting columns);
- **Change of sign plate requirements** – changes in radius; classes remain unchanged, proposal is to change definitions of P1 and P2;
- **Terms:** orientation on Vienna Agreement for traffic signs
- **Further changes in requirements for sign plate:** classification E1 to E3 – proposal to make better description and delete table → proposal Bergen: keep table but make it more precise;
- **Requirements for supports:** class "0" is needed – NPD is not valid;
- **Durability of resistance:** proposal is to declare materials and refer to existing material standards; Mr Bergen reported that was no result of his research on the reduced shape factor, Mr Sørensen remarked that the reason for the reduction could have been the two-dimensionality of the sign plate;
- Proposal for **new figures** to be incorporated into the draft;
- Proposal for **addition of a new test method**.

→ **ACTION all:** Proposals are up to commenting.

→ **ACTION:** Please send in missing meeting reports, to-do-list with open discussion points as well as the current draft to WG 3 secretariat by **5<sup>th</sup> JUNE 2015**.

- **PT 5:** EN 12899-4/-5 (Bergen)

Mr Bergen reported that as the work in the other PTs is still in progress, the status in PT 5 remains unchanged for the time being. As soon as the product related PTs have finalized their working documents, PT 5 can commence. It was decided that each PT shall prepare input for AVCP and the Annex ZA as input for PT 5.

#### **CONCLUSION:**

- Keep separate parts for ITT and FPC.

→ **ACTION all:** All PTs to prepare input for ITT and FPC and forward it to Mr Bergen.

- **PT 6:** EN 13422 (Sauter)

Mr Sauter reported that no progress in the revision process was made since the last WG 3 meeting. The last PT meeting was held in September 2014. The third Round Robin Test is still on-going and results are expected for fall 2015. Mr Sauter summarized the main changes in the draft, pointing out that the test methods in the former version were not well described and now improved. Improvements were also made in the clause for terms, more precise definitions were elaborated. He concluded that since there are three more labs on the go for the testing, results are likely to be available by autumn.

### **7 Further procedure regarding the revision of EN 12899 – timetable/deliverables**

The convenor pointed out that the working procedure in WG 3 is currently lacking continuity, as documents are rarely distributed in-between WG 3 meetings and many reports from PT meetings or status reports for WG 3 meetings are not circulated to WG 3 members. She proposed to make a clear cut for the moment and establish a status quo in all PTs. The proposal was to forward the current status of WDs until 5<sup>th</sup> June 2015 for editorials (adoption of new template, etc.) to WG 3 secretariat together with a to-do-list of issues to be yet discussed/resolved in the PTs and the missing meeting reports. The convenor and secretary offered to do editorials over the summer vacation in order to have proper drafts ready for discussion at the upcoming WG 3 meeting in September 2015.

**CONCLUSION:** The members of WG 3 agreed with this procedure.

→ **ACTION PT leaders:** Please send in your current WD for editorials by 5<sup>th</sup> June 2015 (at the latest by 26<sup>th</sup> June 2015) together with missing meeting reports and a to-do-list of open points yet to be discussed.

## 8 Refreshing of the use of Livelink – structure, questions, etc.

No action needed.

## 9 Any other business

Ms Moravcikova requested to discuss an issue that is currently arising in some European countries. Regular traffic signs are combined with LEDs. She asked for a discussion on how to classify these products which are neither classical traffic signs nor VMS and questioned how these products might affect our standard series. In the discussion that followed it quickly became clear that these signs are not signs in accordance with EN 12899 and not covered by the standard. The members suggested that a solution for regulation of this type of product might be via EADs.

Mr Toth re-opened discussion on the subject of night-time chromaticity which is missing in the current draft of EN 12899-3. He asked, if Mr Bargaen was able to discuss the subject in the Sector Group SG 4 (see last report) and if an adequate position paper was drafted by the group. The issue was re-discussed and it was agreed that Mr Bargaen would elaborate a first draft with the help of Mrs Jacobi and Mr Toth.

### New CEN ENQ procedure

See document **N 211**

Ms Panek reported that the CEN Enquiry procedure will be reduced to a three month period and that it will become a weighted vote. At ISO this procedure has been put into force two years ago and therefore CEN is adopting the new timeframe. It is possible to skip the FV if the CEN ENQ was positive. For the transitional purposes, the three month period will be extended to 4 months until June 2015.

### New template for Annex ZA

Ms Panek reported that the new template for the Annex ZA was about to being finalized in CEN BT. In the new annex the examples for the DoP and the CE-labeling were deleted. She will provide the template as soon as it is available.

## 10 Date and place of the next meeting

The next meeting of CEN/TC 226/WG 3 will take place on **2015-09-30 and 2015-10-01 in Bergisch-Gladbach, Germany**, from 10:00 on the first day to approximately 16:00 on the second day. A date and time for the over-next meeting have not been scheduled yet.

Dr. Jacobi closed the meeting and thanked all participants for the active and constructive contributions and discussion and wished everyone a safe trip home.

Checked by:

Mrs Sandra Jacobi  
2015-06-30

prepared by:

Ms Lilian Panek  
2015-06-30