



SMCG/Sec0030/RM

Report of the fifth Smart Meters Co-ordination Group (SM-CG) meeting held on 2010-11-18 in Brussels

I. Opening of the meeting: (SMCG_Sec0025_DA_rev1 and SMCSec0024_RM)

The meeting took place on 2010-11-18 in the CEN-CENELEC Meeting Centre in Brussels. D. Hec (SM-CG Chairman) opened the meeting and welcomed the participants (attendance list in annex). The agenda of the meeting and the minutes of the last meeting (2010-06-14) were approved.

II. Outcome of the SM-CG Chairman Advisory Group (SM-GG CAG) meeting held on 2010-10-04: (SMCG_Sec0026_DC)

The tasks of the CAG were briefly reminded (i.e. to be a steering group aiming at coordinating all M/441 issues). D. Hec reminded the main topics discussed during the last CAG meeting (TR¹ schedule, TR section on data security, TCs coordination, link with the EC Task Force on Smart Grids, etc...).

III. M/441 – First phase – Technical Report:

a) Status of the work – update: (SMCG_Sec0027_DC)

D. Johnson presented the main modifications included in the TR since the last SM-CG plenary meeting. The main changes concerned the expanded section on data protection and data security, an improved clarity on architectures diagrams, a new section on interoperability and one new section on compliance and testing. The current version of the TR also clarifies how M/441 fits with electricity smart grids. D. Hec sincerely thanked D. Johnson and all the experts participating to the drafting of the TR for the remarkable work.

From the Consumers side, ANEC thanked the Report Group for the work achieved so far, but mentioned that some aspects need to be further clarified. In particular, N. Avery mentioned that the chapter on data privacy should be reinforced and that an interface with simple display (timely and readable information) is to be ensured. It is also important that communication standards do not introduce constraints on consumers.

The European Commission (DG INFOS) wrote a letter, supported by DG ENTR and DG ENERGY, regarding the proposed "Functionality 5 – Communicating with individual devices within the home/building" (see document SMCG_Sec0029_DC). According to the Commission, this functionality bundles metering and home control functions within the individual metering device and that would have implications for market access, device cost and conformance testing that the Commission does not agree with. The Commission asked SM-CG to remove Functionality 5 from the TR.

It was unanimously agreed that M/441 is not about home automation, but it requires a link with it. SM-CG participants agreed with the fact that it is the interface between the meters and the home automation that should be standardized under M/441 and nothing beyond. Functionality 5 is not intended to be a functionality of the meter, but that standards are required for the service to be provided.

¹ TR= Technical Report

SM-CG participants concluded that some chapters and diagrams of the TR could be clarified and reworded (ex: in fig. 3, fig. 4, fig. 5 and fig. 6: to remove home automation from the blue box called "M/441 standardization area", but keeping it in the diagram).

In order to clarify any potential controversial issue before any further circulation of the TR, D. Hec suggested the organization of a coordination meeting with the Commission representatives before the end of the year.

SM-CG Recommendation 17: SM-CG invited SM-CG Chair and Report Group Convenors to meet the relevant Commission DGs to discuss any potential controversial issues around Functionality 5 and to propose relevant modifications before further circulation of the TR.

b) Consolidated Work Programme: (SMCG_Sec0028_DC)

The work programme is mainly a common tool for SM-CG, CAG and TCs involved in M/441 activity to influence and follow the standardisation work related to M/441 and is therefore not limited to the communication part of M/441. The work programme shall be used by involved TCs to prepare and follow the work programme they are responsible for. It represents also a vision of M/441 work for the organisations involved (Commission, CEN, CENELEC, ETSI, other groups and task forces dealing with smart grids...).

Since the SM-CG is an advisory body, which can provide comments and recommendations, the SM-CG will not approve any TC work programme related to M/441. The consolidated work programme will not be included in the TR as it is intended to be read separately from the TR (living document). Some parts of the work programme need to be updated. SM-CG invited coordinating TCs Chairs to send their feedback to the Report Group Convenors as soon as possible.

SM-CG Recommendation 18: SM-CG invited coordinating TC Chairs to provide updated information on their work programme to the Report Group Convenors before end 2010.

c) Use Cases:

The current Use Cases document is a repository and contains only broad headings for the use cases. A more detailed version of the document is needed to better identify functional gaps, to guide standardization work and to help fill in interoperability gaps. In the light of these elements, W. Strabbing proposed to continue the work on Use Cases and to re-activate the Task Force Use Cases.

The participants welcomed the initiative and invited W. Strabbing to produce for circulation before the start of the work, a short document giving the scope and the objectives of the intended new Task Force. All interested parties are invited to nominate experts to contribute to the work on Uses Cases.

SM-CG Recommendation 19: SM-CG welcomed the proposal to reactivate the Task Force on Use Cases and invited W. Strabbing to produce a short explanatory document (incl. scope and objectives of the Task Force) for further circulation to SM-CG participants before starting the work.

d) Timetable and approval process:

D. Hec reminded the characteristics of a TR, i.e. that a TR is a standardization deliverable informative document that can be available in one official language only and voted by simple majority of the CEN and/or CENELEC Members.

Pending further clarifications around Functionality 5, the draft TR will be circulated to SM-CG participants for comments for a period of 8 weeks. A simultaneous circulation for comments to CEN and CENELEC Technical Board and relevant ETSI body will take place.

SM-CG Recommendation 20: SM-CG invited SM-CG Secretariat to circulate the TR to SM-CG participants and to relevant ESOs Technical Board for comments when available.

IV. **Main issues regarding the coordination between coordinating and non-coordinating technical bodies:**

Representatives of CLC/TC 13, CLC/TC 205 CEN/TC 294 and ETSI/TC M2M gave an overview of the work undertaken within their TCs since the last SM-CG meeting. TC Chairs reminded the excellent cooperation with coordinating and non-coordinating TCs and gave an overview of the progress of the TC subgroups following M/441 (ex: WG 2 for CLC/TC 13).

Some TCs mentioned their newly established liaisons with potential alternative communication protocols (e.g.: Zigbee in CEN/TC 294) and the interesting discussions held in TC meetings. D. Hec underlined the efforts made by the TCs to closely monitor M/441 work, thanked the TCs' experts for their contribution and encouraged them to continue their excellent work.

SM-CG Recommendation 21: SM-CG invited coordinating TC Chairmen to continue their fruitful exchange of information and collaboration with coordinating and other TCs involved.

V. **Information on smart metering initiatives in different Countries – United Kingdom:**

A. Rudd gave an overview of the smart metering implementation programme in the field of energy and presented the structure (different working groups) and the aims of the programme in Great Britain. He reminded the participants that the UK metering market is different in the sense that energy suppliers are more involved in metering activities than in most other European countries.

A. Rudd described the GB smart metering programme and gave some information on the objectives of the programme (ensuring technical and commercial interoperability and appropriate safeguards for security and data privacy, etc...). The speaker also gave key features of the programme (i.e. equipment scope, expected benefits of the programme, etc...). In terms of implementation, the programme established a central, regulated Data Communication Company (DCC).

A. Rudd concluded his presentation and reminded that important decisions directly affecting the rollout of smart meters in Britain will be taken early 2011 by Ministers. D. Hec thanked A. Rudd for his very interesting presentation.

VI. **Information on smart metering initiatives in different countries – France:**

A. Vialle gave an overview of remote gas meter-reading project carried out by GrDF in France. The speaker explained the different solutions experimented in France and showed the results achieved so far. The speaker underlined the excellent results of the monthly read-out project (100.000 customers – currently under deployment phase). The 6 months read-out project (11.000.000 customers) decision to deploy should take place in 2011. D. Hec thanked A. Vialle for his very interesting presentation.

VII. **Open Meter - update:**

N. Arcauz gave an update of the Open Meter project and highlighted the work packages. N. Arcauz focused his presentation on WP4 (testing) and WP5 (specification and proposal of a standard). The speaker reminded the participants the objectives of WP5 and gave an overview of intended work plan and deliverables and reminded the existing links with TCs. D. Hec thanked N. Arcauz for his very interesting presentation.

VIII. **Information on the EC Smart Grid Task Force: Update on Expert Group 1 report on functionalities:**

M. Sanchez (DG ENREGY) gave an update of the situation around the EC Smart Grid Task Force. He reported on the creation of a fourth Expert Group (smart grids for gas) and mentioned that all Task Force Expert Groups were invited to participate to the cost/benefit analysis launched by the Commission (together with the Joint Research Centre (JRC)).

M. Sanchez informed the participants that "Functionality 5" (communication with individual devices in the home/building) as defined for smart meters, was discussed during the last Smart Grid Task Force Steering Committee. According to the Commission, this functionality should not be applied automatically to the smart grids, as adding such functionality entails the risks of foreclosing the "home devices/end user" market.

Mr Sanchez reminded that this Commission comment on Functionality 5 is in line with the recently published Commission Communication on "Energy infrastructure priorities for 2020 and beyond – A Blueprint for an integrated European energy network". M. Sanchez agreed that the interface has to be defined and that the rest has to be open for competition. He closed his report by reminding that all other functionalities should remain and are essential.

D. Hec reminded that indeed some clarifications are needed, and reminded that "Functionality 5" is not intended to be a functionality of the meter, but that communication standards are required for the service to be provided. D. Hec closed the discussion by reminding his wish to further discuss the topic with the relevant Commission services (by the end of the year if possible).

IX. **Date of the next meeting:**

The next SM-CG plenary meeting will take place on 8 June 2011 in CEN-CENELEC Meeting Centre in Brussels (Meeting room Newton).

X. **Closure of the meeting**

The Chairman closed the meeting and thanked all the participants for their active participation.



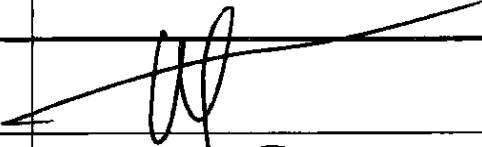

SMCG/Sec0030/Annex

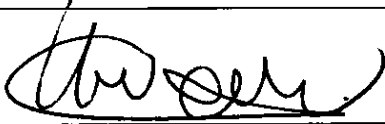


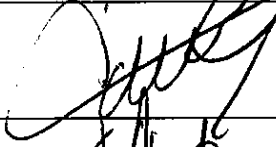
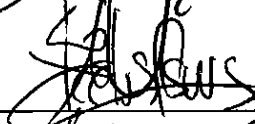
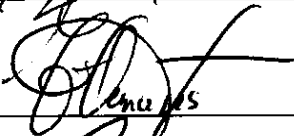

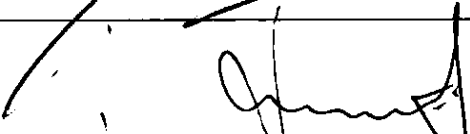
SMART METERS CO-ORDINATION GROUP (SM-CG)

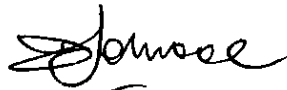
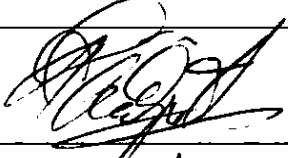
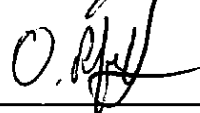
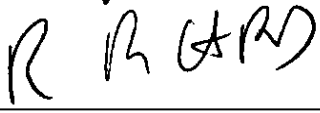
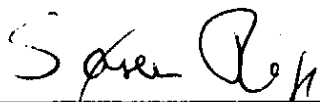
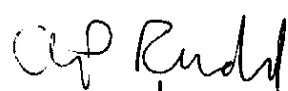



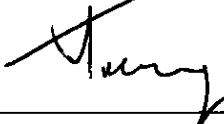
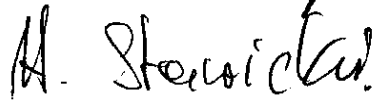
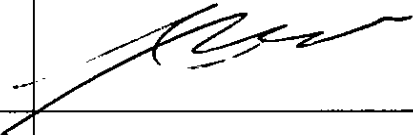
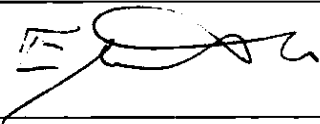
Attendance List

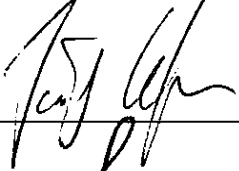
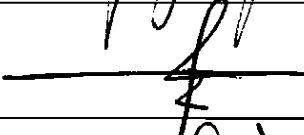

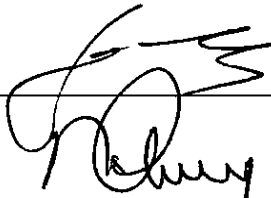





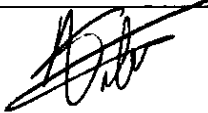
Date: Thursday 18 November 2010 (Start: 10.30)

Venue: CEN/CENELEC Meeting Centre (4th floor) –room NEWTON
Avenue Marnix 17
B-1000 Brussels

Name	
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C.VIGNERON (Secretary)	

ARCAUZ Nicolas (Open Meter)	
ARNDT Marylin (ETSI/TC M2M)	
BURGER Norbert (FACOGAZ)	
DELEU Frans (WELMEC)	
DE LOS RISCOS Fernando (AENOR)	
DEMAREST Joost (KNX & CLC/TC 205)	
HANEKUYK DANIEL (DG ENTR)	
HOFFMANN Ralf (Convenor Report Group)	

JOHNSON David (EUROGAS)	
LINDQVIST Klas (CEN/TC 176)	
PFAFF Ortwin (CEN/TC 294)	
PICARD Roman (ERGEG/CEER)	
RISE Søren (NORMAPME)	
RUDD Adrian (OFGEM)	
SÁNCHEZ JIMÉNEZ Manuel (DG ENERGY)	
SCHULKEN Hiltrud (CEN/TC 234)	
SCHULTZ Bernd (CLC/TC 13)	
SIBLEY Jim (CEN/TC 237)	
STAWICKI Henryk (DK NC)	
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TOSATO Enrico (ETSI TC ERM-TG28)	
ULH Lorenzo (DKE)	

WYSS Jürg (CEN/TC 92)	
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A J Dick (Euroelectic)	
HOLLER GERDES TC 57	
AVERY (NEIL) ANEC	
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Kießling, Andreas ; DKE	ha JS