Minutes of the Prague Meeting of
ISO/IEC JTC 1/SC 34/WG4, 2009-03-24/26

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2009-04-03

1. Opening remarks

The meeting started at 09:10 on Tuesday. The convener, Murata-san, welcomed everyone to Prague for the second meeting of WG4.

2. Roll call of delegates

The following members were present:

Name	Affiliation
Makoto Murata	WG4 Convener
Sam Oh	SC 34 Chair
Toshiko Kimura	SC 34 Secretariat
Ken Holman	CA HoD
Ning Li	CN HoD
ChunYan Fang	CN
Lin Cheng	CN
DongLin Wang	CN
Yan Shi	CN
Jirka Kosek	CZ HoD
Jesper Lund Stocholm	DK HoD
Rex Jaeschke	Ecma HoD, Project Editor
Jean Paoli	Ecma (TC45 co-chair)
Doug Mahugh	Ecma
Shawn Villaron	Ecma

Name	Affiliation
Florian Reuter	Ecma
Juha Vartiainen	FI HoD
Kimmo Bergius	FI
Mohamed Zergaoui	FR HoD
Mario Wendt	DE HoD
Klaus-Peter Eckert	DE
Jaeho Lee	KR HoD
Dongsun Nam	KR
Shazhad Rana	NO HoD
Grantham Daniels	ZA HoD
Aslam Raffee	ZA
Maria Farelo	ZA
Francis Cave	UK HoD
Inigo Surguy	UK
Alex Brown	UK
Dave Welsh	US HoD

3. Adoption of the agenda

Using the revised agenda from WG4 N 0023 as a starting point,

- The order of items 5. "Defect Reports" and 6. "Schedule for publishing CORs and Amendments" was reversed.
- A new agenda item, "Conformance Testing", was inserted immediately following 8. "Extension proposals from member bodies and liaisons".

With those changes, the agenda was adopted by unanimous consent.

4. Report from the WG4 Secretariat

The following NBs and liaisons have registered delegates to WG4: CZ, DE, DK, Ecma, FI, FR, IN, IT, JP, KR, NL, NO, PL and UK. All requests for additions, deletions and changes to the delegate list should be sent to the WG4 Secretariat (rex@RexJaeschke.com).

For information about accessing the email list, and the document and email archive, please consult document WG4 N 0014 (2008).

Access to the documents on the Ecma site is restricted to registered members. For those documents that are to be made available to the public, Murata-san has provided copies of them at http://www.itscj.ipsj.or.jp/sc34/wg4/.

Since Okinawa, numerous DRs have been received from JP and UK. The latest version of the DR log was circulated last week as WG4 N 0034. The status of DRs at that time was as follows:

Status	Count
Open	101
Closed, to be incorporated in COR1	30
Closed without action	2
Further Consideration Required	36
Total	169

Rex displayed parts of the DR log, and explained how he uses tracked-change markup to indicate changes between revisions.

In Okinawa, there was a request to make an email archive publicly available. This resulted in an action item for all members 'to check with their NB rules regarding members' ability to participate on an "open" email list.'

The member bodies that had expressed concern about this reported via email or at this meeting that they no longer had concerns.

Concern was expressed that making an email archive available outside the committee should be discussed at the SC 34 Plenary.

Action: The Convener will raise this issue in full Plenary on Friday. Done.

5. Schedule for publishing CORs and Amendments

In Okinawa, Rex Jaeschke took an action item to propose a schedule for the generation and processing of COR1. (See WG4 N 0031, and supporting document N 0028.) He extended that action to include the publication of the first set of amendments.

Rex presented these papers and pointed out that WG4 has a number of decisions to make this week (see the questions below). Based on these questions, on Wednesday, Murata-san presented a series of recommendations:

   a.   Do we want to commit to a schedule for publishing the COR1 set? Yes
       i.   What is that schedule? Assuming that a final draft will be ready in time, we produce the DCOR1 set immediately after the June 2009 (Copenhagen) meeting.
   b.   Do we want to create any amendments? Yes

i. How many and what will the scope of each be? 3 (1 each for Parts 1, 2 and 4), with the scopes to be determined.
ii. What will the schedule for each be? Assuming that a final draft will be ready in time, we produce the (F)PDAM1 set immediately after the June 2009 (Copenhagen) meeting.
iii. Who will draft the resolutions asking SC 34 for permission to create corresponding new projects? Jesper Lund Stocholm, Shawn Villaron and Rex Jaeschke
iv. Who will be the editor for each? Murata-san proposed that Rex Jaeschke be the editor for Parts 1 and 4. Murata-san proposed that we decide on the editor for the Part 2 amendment on the first teleconference.

These proposals were approved without objection.

Rex also had an action item to "discuss with ITTF the process for producing a reprinted version of 29500 rather than a stand-alone COR".

ITTF responded that they don't multiple reprints on the same base edition. After some discussion, WG4 members asked the editor to take the following action item below.

Action: Project Editor will contact ITTF again to clarify this with respect to the plan WG4 may have at the end of this meeting regarding having multiple CORs and AMDs.

6. Defect reports

At the Okinawa meeting and this meeting, several members expressed concern that the resolutions proposed for some DRs involved the addition or change of functionality, and, as such, should be published in an amendment rather than a technical corrigendum.

Action: Shawn Villaron and Francis Cave agreed to perform triage on the DRs identified as being questionable for a COR, and to bring their recommendations to WG4. Done (see recommendations below under each DR's entry).

Action: Shawn Villaron and Francis Cave will write up the criteria they used to determine if a defect's resolution should go in a COR or an AMD. (This will serve as the basis for such decisions in the future.) Done, see WG4 N 0036, which was presented at the SC 34 Plenary.

Status of DRs processed at this meeting:

08-0011 — WML: USE OF TRANSITIONAL ATTRIBUTE IN CNFSTYLE STRICT MODE EXAMPLE

This DR is not related to binary documents.

08-0012 — SCHEMAS: SUPPOSEDLY INCORRECT SCHEMA NAMESPACE NAMES

Shawn Villaron made a presentation then led a discussion on this. At the end, the following possible approaches were identified:

- Option 1: Change all IS 9500-specific namespaces to allow for differentiation with the ECMA-376-specific schemas
- Option 2: Extend the conformance attribute on the root elements for WordprocessingML, SpreadsheetML and PresentationML
- Option 3: Add a new optional version attribute on the root elements for WordprocessingML, SpreadsheetML and PresentationML
- Option 4: Add a new optional version attribute on type element in the [Content_Types].xml part for all packages
- Option 5: Add a new optional version attribute as an optional custom document property
- Option 6: Add a new optional part OPC that would include a version attribute

After a lengthy discussion, Murata-san asked a small group (Shawn, Florian, Inigo, Jesper, and Mohamed) to go off and draft a more narrow set of proposals. The next day, this group reported it developed the following guiding principles to evaluate the options:

- To push producers gently towards strict conformance
- To improve interoperability
- To do no evil to the 29500 ecosystem (i.e., files, end users and implementations)

The group went through the set of options looking at the degree to which each would solve the problem as well as the "cost" imposed on applications to handle the consequence of the solution. As a result, the six options were reduced to the following two:

1. Change the namespace name for strict schemas only
2. Extend the existing conformance attribute

There was another lengthy discussion.

Regarding other standards (such as XPS) that are using OPC: The conformance attribute approach does *not* help them nor would any change to the namespace for Part 1 only.

Action: Jesper will produce a paper on the two remaining alternatives for circulation to WG4.

The solution to this DR should be published in an Amendment.

09-0001 — SML, CHARTS, TREND LINES: INCORRECT RANGE RESTRICTION IN BACKWARD AND FORWARD

Agreed with the proposed solution.

The solution to this DR should be published in a Technical Corrigenda.

09-0002 — SML, CHARTS: INCORRECT RANGE RESTRICTION IN ST_HOLESIZE

Agreed with the proposed solution.

The solution to this DR should be published in a Technical Corrigenda.

09-0003 — SML, CHARTS, TREND LINES: INCORRECT DATA TYPE AND RANGE RESTRICTION IN ST_PERIOD

Agreed with the proposed solution. Editor needs to make corresponding changes to the narrative as well.

The solution to this DR should be published in a Technical Corrigenda.

09-0004 — SML, CHARTS: INCOMPLETE ENUMERATION DEFINITION FOR ST_MARKERSTYLE

Agreed with the proposed solution. Applies to Part 1 and 4 schemas.

The solution to this DR should be published in a Technical Corrigenda.

09-0005 — SML, CHARTS: INCORRECT MEASUREMENT UNIT/RANGE RESTRICTION IN ST_PERSPECTIVE

Agreed with the proposed solution. Applies to Part 1 and 4 schemas.

The solution to this DR should be published in a Technical Corrigenda.

09-0006 — SML, CHARTS: INCORRECT DATA TYPE IN ST_SKIP

Agreed with the proposed solution. Applies to Part 1 and 4 schemas.

The solution to this DR should be published in a Technical Corrigenda.

09-0007 — SML: INCORRECT RANGE FOR PRECISION VALUE SPACE

Agreed with the proposed solution.

The solution to this DR should be published in an Amendment.

09-0008 — WML, MAIL MERGE: INCORRECT DEFINITION OF UNIQUETAG

Agreed with the proposed solution. Applies to Part 1 and 4 schemas.

The solution to this DR should be published in an Amendment.

09-0009 — SML, PIVOT TABLES: INCORRECT DESCRIPTION OF CALCULATEDMEMBER

Agreed with the proposed solution.

The solution to this DR should be published in a Technical Corrigenda.

09-0010 — SML, WORKBOOK: EXTENSIBILITY BROKEN FOR EXTERNALLINK

Agreed with the proposed solution. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0011 — SHARED MLS, MATH: INCOMPLETE LIST OF VALID CHILD ELEMENTS FOR MATH OBJECTS

Agreed with the proposed solution. Applies to Part 1 and 4 schemas.

Note that this problem is not related to binary file migration.

The solution to this DR should be published in a Technical Corrigenda.

09-0012 — PARTS, FONT PART: INCOMPLETE DEFINITION FOR FONT PART

Postpone until WG2 can weigh in on this.

The solution to this DR should be published in a Technical Corrigenda.

09-0013 — SML: INCORRECT RESTRICTION ON EXTERNALDATA

Postpone.

09-0014 — SML: INCORRECT RESTRICTION ON THE NAME REPRESENTATION

Adopted the proposed solution. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0015 — SML: INCOMPLETE LIST OF ERROR VALUE CONSTANTS AND VALID EXPRESSION ERROR VALUES

Looks ok, but we need to see the difference between #N/A and #GETTING_DATA as they appear to overlap.

Shawn reported that #N/A is returned when there is no result. #GETTING_DATA is returned when you have requested data, but there is none now, but some might be coming (for example, when connected to an OLAP cube). Possibly add an example.

Rex to investigate implications of adding this constant (is* functions, and such). Needs more work.

The solution to this DR should be published in a Technical Corrigenda.

09-0016 — SML, FORMULAS: INCORRECT ATTRIBUTE NAME IN ARRAY FORMULAS

Change the Background statement to "Existing documents contain an attribute with name ref whose function is identical to the attribute r, which is in the schema for both transitional and strict modes,. Hence this is a defect in the transitional schema by its omitting the attribute ref."

In the transitional schema allow ref as a synonym for r, but only one or the other can be defined in any given instance. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0017 — WML, ANNOTATIONS: INSERTED MATH CONTROL CHARACTER MISSING VALID CHILD

Agreed with the proposed solution. Applies to Part 1 and 4 schemas.

The solution to this DR should be published in a Technical Corrigenda.

09-0018 — SHARED MLS, MATH: INVALID CHILD PREVIOUS RUN PROPERTIES

Agreed with the proposed solution. Applies to Part 1 and 4 schemas.

The solution to this DR should be published in a Technical Corrigenda.

09-0019 — SHARED MLS, MATH: INVALID CHILD PREVIOUS RUN PROPERTIES

Appears to be resolved by 17 and 18 above. Shawn needs to check on this, however.

The solution to this DR should be published in a Technical Corrigenda.

09-0020 — SML: INCORRECT RESTRICTION ON SCENARIO

Adopted the proposed solution. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0021 — SML, PIVOT TABLES: INCORRECT RESTRICTION ON ITEM

Agreed with the proposed solution.

The solution to this DR should be published in a Technical Corrigenda.

09-0022 — SML: INCOMPLETE SET OF FORMAT SYMBOLS FOR NUMFMTS

Agreed with the proposed solution, but also update the table to include an entry for \ (Part 1, pp. 1984). Shawn to provide final text.

The solution to this DR should be published in a Technical Corrigenda.

09-0023 — SML, PARTS: INCORRECT NAMING OF ROOT ELEMENT FOR CERTAIN PARTS

Adopted the proposed solution. Closed.

The solution to this DR should be published in an Amendment.

09-0024 — SML, PARTS: INCOMPLETE SET OF IMPLICIT RELATIONSHIPS FOR WORKSHEET PART

Agreed with the proposed solution.

The solution to this DR should be published in a Technical Corrigenda.

09-0025 — SML, PARTS: INCORRECT ROOT NAMESPACE FOR THE STYLES PART

Adopted the proposed solution. Closed.

The solution to this DR should be published in an Amendment.

09-0026 — SML: XML:SPACE ATTRIBUTE NOTE DECLARED IN SPREADSHEETML

Agreed with the proposed solution.

See Shawn about getting some write-up w.r.t whitespace discussion. Is the problem as stated correct?

The solution to this DR should be published in a Technical Corrigenda.

09-0027 — SHARED SIMPLE TYPES: UNNECESSARY TEXT IN DESCRIPTION OF ST_STRING

09-0028 — WML, CUSTOM XML AND SMART TAGS: TIGHTEN DATA TYPES

WG1 has issued a recommendation. See the SC 34 minutes from Friday. XML 1.0 4th edition.

09-0029 — WML, CUSTOM XML AND SMART TAGS: SPECIFICATION FOR VALIDATION LACKING

Action: Shawn will write up an explanation of this.

09-0031 — GENERAL: REQUEST FOR SUPPORT OF UNICODE 5.1.0

After a brief discussion, it was suggested this topic be put on the agenda for an up-coming teleconference.

Action: TC45 members to come up with rationale used when dated versions of 10646 and Unicode were deliberately chosen for the Normative References.

09-0035 — WML, PARTS: INCORRECT MEDIA TYPES FOR ALTERNATIVE FORMAT IMPORT PART

Adopted the proposed solution with the Editor to write the specific change words. Closed.

09-0038 — WML/PML/DML: PANOSE-1 TYPEFACE CLASSIFICATION

Request to add a note regarding changing "Panose" to "Panose1" in narrative.

09-0039 — SHARED, PARTS, FONT PART: FILE FORMAT FOR "BITMAPPED FONT" IS MISSING

More investigation needed, but the problem is understood.

09-0040 — WML/DML: COMPLEX SCRIPTS

We need to provide more documentation.

09-0041 — WML, FONTS: FONT RESOURCE SEARCH

The character set is more important than Panose1. Potential bias against Asian character sets.

09-0042 — WML, FONTS: NOTTRUETYPE ATTRIBUTE MISSING FROM LIST

More investigation needed.

09-0043 — WML, FONTS: NOTTRUETYPE ATTRIBUTE AND BITMAP FONTS

Understood; more work needed.

09-0044 — WML, FONTS: SUPPORT FOR COMMAS IN FONT FAMILY/SUBFAMILY/FULL NAMES

Currently, this is not supported. See DR 09-0050 re lexically first comma. Closed without change.

09-0045 — WML, FONTS: CHARACTER ENCODINGS OF FONT NAMES

Understood; more work needed.

09-0046 — WML, FONTS: MISLEADING EXAMPLE

Understood; more work needed. GBK is a proper superset of GB 2312.

09-0047 — WML, FONTS: IDENTIFYING A FACE IN AN EMBEDDED FONT FILE

Understood; more work needed.

09-0048 — WML, FONTS: PANOSE-1 CLASSIFICATION MECHANISM MISSING

Understood; more work needed.

09-0050 — SML, WORKSHEETS: COMMA DELIMITER BETWEEN FONT NAME AND TYPE

Change DR qualifier to "Technical Defect", write text to say that "the lexically first comma is the one recognized as the delimiter". Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0051 — SML, SHARED STRING TABLE: CHARSET VALUE DUPLICATE

Remove "HANGUEL_CHARSET". Closed.

The solution to this DR should be published in an Amendment.

09-0053 — PML, PRESENTATION: ATTRIBUTE NAME PITCHFAMILY IS MISLEADING

A prose change explaining this attribute is preferred to changing the name of the attribute. Will propose wording.

09-0054 — DML, RUN FORMATTING: ATTRIBUTE NAME PITCHFAMILY IS MISLEADING

A prose change explaining this attribute is preferred to changing the name of the attribute. Will propose wording.

09-0055 — PML, PRESENTATION: TYPE OF THE ATTRIBUTE PITCHFAMILY IS TOO LOOSE

Understood; more work needed.

09-0056 — DML, MAIN: TYPE OF THE ATTRIBUTE PITCHFAMILY IS TOO LOOSE

Understood; more work needed.

09-0057 — PML, PRESENTATION: ALLOW ALIASES AS VALUES FOR ATTRIBUTE TYPEFACE

Understood; more work needed.

09-0058 — DML, MAIN: POSSIBLE VALUES OF ATTRIBUTE SCRIPT ARE UNCLEAR

Understood; more work needed.

09-0059 — DML, MAIN: RELATIONSHIP BETWEEN THE SYMBOL FONT AND SYMBOL CHARACTER SET

Understood; more work needed.

09-0060 — WML, FONTS: NAMES SHOULD BE REGISTERED AT IANA

Apparently, this is clean-up from the BRM where it was agreed that code pages names should be replaced.

09-0061 — SHARED MLS, SHARED SIMPLE TYPES: CONSTRAIN ST_PANOSE VALUE SET

Can we still continue to use the xsd:hexBinary type and use the proposed regular expression?

09-0062 — WML, SETTINGS: SEMANTICS OF SHORT FILE NAMES

Adopted the proposed solution and added text saying that short names are not case-sensitive. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0063 — WML, FIELDS: FORM FIELD PROPERTIES LENGTH

Still not sure of the units.

09-0064 — WML, SIMPLE TYPES: ST_FFHELPTEXTVAL LENGTH

Still not sure of the units.

09-0065 — WML, SIMPLE TYPES: ST_FFNAME LENGTH

Still not sure of the units.

09-0066 — WML, SIMPLE TYPES: ST_MACRONAME LENGTH

Still not sure of the units.

09-0067 — SML, WORKBOOK: SEMANTICS OF SHORT FILE NAMES

Adopted the proposed solution and added text saying that short names are not case-sensitive. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0068 — SML, STYLES: NAME ATTRIBUTE LENGTH

62 octets.

09-0069 — SML, PIVOT TABLES: LONGTEXT ATTRIBUTE LENGTH

510 octets

09-0070 — PML, PRESENTATION: MODIFYVERIFIER PASSWORD LENGTH

Adopted the proposed solution. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0071 — WML, SIMPLE TYPES: KATAKANA ENUMERATION EXAMPLES

It appears that after one pass through the syllabary, the characters are used again from the start rather than appending a duplicate character.

09-0072 — WML, SIMPLE TYPES: ST_BRCLEAR TERMINOLOGY USAGE

Agreed with the proposed solution. Editor to show exact wording changes. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0073 — WML, SIMPLE TYPES: ST_BRCLEAR EXTRANEOUS TEXT

Agreed with the proposed solution. Closed.

The solution to this DR should be published in a Technical Corrigenda.

09-0092 — WML: IDENTICAL DEFINITIONS FOR ST_NUMBERFORMAT ENUMERATION VALUES

If they truly are equivalent, can we move decimalFullWidth2 to transitional only? If so, this becomes a technical DR with a schema change to Parts 1 and 4.

09-0099 — SML: NO NORMATIVE REFERENCES OR DEFINITIONS FOR "MDX" AND "OLAP"

Is MDX covered by the OSP?

Action: Doug to investigate.

09-0100 — PART 1: UNNECESSARY ANNEX

Confirmed. Remove annex and do *not* move it to Part 4.

09-0103 — WML: ERROR IN WML SCHEMA

Will be considered along with DR 08-0001 through 0008.

09-0104 — DML: CONTRADICTION BETWEEN TEXT AND DML-WORDPROCESSINGDRAWING SCHEMA

Discussed; change the schema or the prose?

09-0105 — WML: ERRORS IN EXAMPLES

Discussed; no resolution

09-0106 — PML: ERRORS IN EXAMPLES

Discussed; no resolution

09-0159 — GENERAL: UNINTENDED INCOMPATIBILITIES BETWEEN TRANSITIONAL SCHEMA AND ECMA-376

There were concerns that resolving this would overturn a vote of the BRM. Various members spoke for/against doing that. It was decided to cover this on an up-coming teleconference.

7. Comment collection form

At the Okinawa meeting, Doug Mahugh agreed to "look at implementing the suggested improvements" made at that meeting. (See Doug's report in mail on 2009-03-18 and subsequent postings by others.)

On Tuesday, Jesper ask to add to this topic a discussion of moving to a more sophisticated system for tracking the status of DRs and proposed amendments. On Wednesday, this topic was revisited, and after some discussion, no decision was made.

There were concerns that the current approach might not scale well as the number of DRs increased. In response, the editor pointed out that the size of the DR log will not necessarily grow much; as DR solutions were rolled into DCORs and (F)PDAMs, they would be removed from the DR log.

8. Extension proposals from member bodies and liaisons

There was a short discussion on the paper submitted by Japan: WG4 N 0027, "An OOXML extension proposal for checking and normalizing characters", after which WG4 invited Japan to submit a detailed proposal on this topic.

The convener encouraged members to submit new proposals.

Several Ecma delegates indicated that Ecma expects to submit some proposals for consideration at the December 2009 meeting, and possibly even at the September 2009 meeting.

9. Conformance Testing

Doug Mahugh mentioned the document validity program being driven by Fraunhofer FOKUS. (See http://www.fokus.fraunhofer.de/en/elan/projekte/international/laufende_projekte/Document-Interop_Lab/index.html for details.)

WG4 members are encouraged to participate in this work. There will be workshops in London and Berlin later this year, the primary purpose of which will be to refine the plans for the document test suite and validator.

WG4 members discussed the general topic and spoke of their experiences in other standards groups.

- "It is OK for WG4 representatives to develop tests, but not to be involved in determining if any implementation conforms."
- "Right now, our primary focus is on maintenance, so let's concentrate on that."
- "Does WG4's scope allow is to work on testing?"

10.Future meetings

Face-to-Face Meetings:

The schedule is as follows:

a. 2009-06-22/24 (3rd day in parallel with WG5, which meets 24/26), Copenhagen, DK
b. 2009-09-13/16, Seattle, Washington, US, (in conjunction with the SC 34 plenary)
c. 2009-12-07/11 or 2009-12-14/18 (exact dates to be decided), Paris, FR
d. 2010-03-22/25, Stockholm, SE (in conjunction with the SC 34 plenary)
e. 2010-06-14/18 (proposed; exact dates to be decided), Helsinki, FI
f. 2010-09-??/??, <city?>, ZA (in conjunction with the SC 34 plenary)
g. 2009-12-06/10 or 2009-12-13/17 (exact dates to be decided), tentative offer from CN

Teleconferences:

The schedule is as follows:

a. 2009-04-16, 13:00 GMT (See http://www.timeanddate.com/worldclock/meeting.html for translation of GMT to your time zone.) [see WG4 document N 0021 for call-in details]
b. 2009-04-30, 13:00 GMT
c. 2009-05-14, 13:00 GMT
d. 2009-05-28, 13:00 GMT
e. 2009-06-11, 13:00 GMT

Action: Murata-san will produce a document announcing the four teleconferences to be held on 2009-04-30 and later.

11.Any other business

a. Review of action items: Rex read out the action items assigned during the meeting.
b. Host facilities and support: By acclamation, WG4 expressed its appreciation to Jirka Kosek and UNMZ for hosting this meeting of WG4.
c. By acclamation, WG4 expressed its appreciation to Microsoft for the dinner on Wednesday and to Sursen for lunch on Thursday.
d. Summary of the issues to be brought to the SC 34 Plenary:

    i.   Having a public archive of WG email.

    ii.   Criteria for determining if a defect solution should go into a COR or and AMD.

    iii.   Resolution to create projects for three Amendments (and get approval for project editors).

12. Closing

Adjourned by unanimous consent at 16:15, Thursday, March 26.