

Draft Minutes

OP/TF 4 Adoption of ISO 10110 as an American National Standard

Tuesday, May 28th, 2013

11:00-12:30 EDT

Teleconference

Welcome and introductions

D. Aikens brought the meeting to order at 11:05 EDT, with H. Johnson, D. Hoover, R. Williamson, R. Youngworth, M. Dowell, G. Boulton, and D. Howland in attendance. W. Royall joined at 11:30. Quorum was established.

Approval of Agenda

M. Dowell moved we accept version 2 of the agenda, and H. Johnson seconded. The motion carried.

Approval of Minutes from February Meeting

M. Dowell moved we accept the minutes from the previous meeting, R. Williamson seconded and the motion carried with one abstention (D. Hoover).

Review status of required standards

D. Aikens walked through the current status in terms of PINS, CD, and BSR8/9/11, for all of the standards required to implement a new national drawing standard. Included in the list are the coatings standards, 9211-1 through -4 which are not required but are ready to be published and are significant contributions. The next step is to ballot 10110-8 and 9211-4, as well as rebalot 10110-9 and -12. At that point we will be able to file the BSR9's and publish all the required parts of the standard series, except for OP1.0110-5 (surface form) and OP1.0110-6 (centering). In addition, we need to publish OP1.004 to complete the set. OP1.0110-6 cannot be completed because the currently published version is flawed. Better to simply reference the ISO version and wait for the new ISO version, expected in 2014.

Once this next flight is complete, D. Aikens will begin the process of publishing all the standard parts we have, and let the rest of the standard catch up.

Status of OP1.0110-5 and OP1.004

M. Dowell reported that, at the last meeting, we decided to write our own version of OP1.0110-5, and then change OP1.004's definitions to match. She also said she met with C. Evans (project leader, OP1.004) and G. Wiese (LMCO) and worked out all of LMCO's concerns and objections with

the recent version of OP1.004 which they voted against. All of the comments were addressed, and there is a strategy for revising the standard to accommodate the critical issues. C. Evans has provided his feedback, and M. Dowell is now working on the new committee draft. Once complete, D. Aikens will ballot it, while M. Dowell will proceed to make a new version of OP1.0110-5 consistent with the new standard.

Action: M. Dowell to propose a new draft of OP1.004, consulting with C. Evans in the process.

Action: D. Aikens to ballot the new version of OP1.004 when it is available.

Action: M. Dowell to propose a new TF4 draft of OP1.0110-5.

OP1.0110-9 reballot

D. Aikens said that the new version of part 9 is up on the website. He reviewed the language he used to clarify the issue raised by D. Hoover regarding default wavelengths during the last ballot.

The committee agreed that the new language was adequate. However there is a new issue; 9211 definitions section 1 defines tau, rho, and alpha as the spectral transmittance, reflectance and absorptance, respectively. OP1.0110-9 defines them as the transmission, reflection, and absorption of radiant flux. We should be using the same term in the definition.

Action: D. Aikens to modify one of the ANS Notes to clarify the use of the term transmission versus spectral transmittance.

Action: D. Takaki to check and make sure the pagination is correct OP1.0110-9, maybe others.
Delete blank pages.

Action: D. Aikens to reballot OP1.0110-9 at the TF level.

Status of OP1.0110-6

R. Williamson reported that there is still an issue with the coordinate system for the datum origin; the new version moved the coordinate to the corner, rather than the center of the part. We will need to continue to discuss and evolve the standard. It is at DIS, so it is possible it could be published before 2014. R. Williamson will prepare a draft once that standard is published.

Status of OP1.0110-8

This CD was reviewed. The template for organizations in OP is out of date. Other than that, the document was approved by the committee meeting in February, and is ready for ballot at the OP level. D. Howland moved we accept the document and ballot at the OP level, and M. Dowell seconded. The motion carried.

Action: D. Aikens to ballot OP1.0110-8 at the OP level.

Status of OP1.0110-18

A. Krisiloff was not on the call, and could not report on the status of part 18.

Action: A. Krisiloff to follow up with A. Kikuchi (SC1/WG2) and P. Hartmann (SC3/WG1) to advance the draft to the CD stage.

Status of OP1.9211-4

The new version of OP1.9211-4 is on the website, including G. Boulton's new forward, and in the correct ANSI format. Since no changes are needed for the American version, it is pretty straightforward.

G. Boulton moved that we accept the CD and approve it for ballot at the OP level. M. Dowell seconded, and the motion carried.

Action: D. Aikens to ballot OP1.9211-4 at the OP level.

OP1.0110-12 rebalot

D. Aikens said TF5 has reviewed all the latest comments on the OP level ballot, especially from QED

The general consensus of the committee was that we should make the change. Since this is a significant, material change to the standard based on a comment received during balloting, we should re-ballot the standard after making the modification. R. Youngworth moved we accept the draft and ballot it at the OP level. M. Dowell seconded, and the motion carried.

Action: D. Aikens to circulate the new draft of OP1.0110-12 at the OP level.

Action Items from prior meetings

Action: R. Williamson will consider writing a white paper explaining the issues with ISO 10110-6:1997 for the user community. – **in process**

Action: D. Aikens to hold an OP1.004 reconciliation meeting with G. Wiese, C. Evans, and M. Dowell. **-done**

Action: D. Aikens to document reconciliation **-done**

Action: M. Dowell to work with C. Evans to generate a new version of OP1.004 consistent with OP1.0110-5 – **in process**

Action: D. Takaki to create an ANSI version of M. Dowell's first draft of OP1.0110-5 **-done**

Action: M. Dowell to propose a new TF4 draft of OP1.0110-5. – **in process**

Action: D. Aikens to ballot OP1.0110-8 at the OP level. – **in process**

Action: A. Krisiloff to follow up with A. Kikuchi (SC1/WG2) and P. Hartmann (SC3/WG1) to advance the draft to the CD stage.

Action: D. Aikens to have Dana Takaki convert the ISO file into an ANSI standard, and add the proposed Foreword. - **done**

Action: G. Boulton to revise the foreword to be more consistent with other standards. - **done**

Action: D. Aikens to create a new draft for OP1.0110-9 and re-ballot. – **done, but needs to be done again.**

Time and place for the next meeting R. Williamson moved that we hold a teleconference meeting on Thursday, August 8th at 11:00 EDT. M. Dowell seconded and the motion carried.

Adjourn. M. Dowell moved we adjourn, and R. Williamson seconded. The motion carried and we adjourned at 12:04