

Draft Minutes v2

ASC OP/TF 4 –Committee for Optics and Electro-Optical Instruments – Adoption of ISO 10110 as an American National Standard
(Held in conjunction with SPIE Photonics West)
February 2, 2014 14:00- 16:30 PST

Intercontinental San Francisco
888 Howard Street, San Francisco, CA 94103
Nob Hill Room (4th Floor)

1. Welcome and Introductions

Dave Aikens called the meeting to order at 14:10. In attendance were Hal Johnson, Bill Royall, Donna Howland, Marla Dowell, Allen Krisiloff, Dan Palmari, Cheryl Asbury, Gordon Boulton and Leonard Hanssen. Everyone introduced themselves. Quorum was established.

2. Approval of the agenda

Marla Dowell moved to accept the agenda, the motion was seconded by Gordon Boulton and the motion passed.

3. Approval of the minutes for the prior meeting

Gordon Boulton moved to accept the minutes from the previous meeting, Hal Johnson seconded and the motion carried.

4. Review of the status of all standards

Dave Aikens reported that OP1.0110-5 was approved by OP. OP1.0110-1, -8, -10, -11 and -12 are done, and we are not going to publish a version of -2, -3, -4, or -7; we have the American equivalents with OP3.001 and OP1.002. We are planning to use the ISO versions of -6 and -19. That just leaves -9 (coatings), -14 (wavefront) and -17 damage. Dave Aikens reported that we now have enough of the key standards that we can proceed with publishing the entire standard. All we need in ANSI's approval on the ones that are finished; OP1.0110-1, -10, -11, -12, -5, -8, and the 9211 series. The entire table of all standards and their current status is up on the website.

Gordon Boulton

5. Strategy for revised standards

While we are finally moving towards publication of a national drawing standard, we now need to decide how to deal with the new versions of the ISO standards that are coming

out. OP1.0110 is based, mostly, on the 1996-1998 versions of the standard, while by 2015, we should have new versions of -9, -5, and -6.

After a brief discussion, the committee decided we did not need to do anything at this time, but will simply keep TF4 active, reviewing the new standards as they come out on a case-by-case basis.

Marla Dowell and Dave Aikens will investigate the possibility of surveying the community to determine which standards or issues should be addressed and any concerns the community has regarding adoption of ISO 10110 as a national standard.

6. Glass standards update and strategy

Hal Johnson reported that the strategy decided in TF1 regarding raw optical glass is to adopt ISO 12123 as an ANS, but modified to include a label for the various grades of glass for the American usage, and then to withdraw OP3.001. Allen Krisiloff suggested that he and Hal should work together on the notation, maybe drop the OP3.001 version and go to a simplified -18 for use in the USA. The fact that our version of 12123 (this will be OP1.2123) will have grade labels will be a little out of sync with the American draft of ISO 10110-18, which has notations for drawings. This may be OK; we will proceed with the strategy that TF1 has decided upon, and decide what to do if/when ISO 10110-18 is approved.

7. Status of OP1.0110-6

Dave Aikens said that ISO 10110-6 is now being prepared for FDIS, and should be published soon. Ray Williamson has offered in the past that, when -6 is published, he will prepare a draft for the committee.

8. Status of OP1.0110-14

One of the only remaining standards for which we have no strategy is the wavefront standard, part 14. We have said in the past that, once -5 was done, we will review -14 and decide what to do. Since Marla Dowell did the draft of -5, she is the best qualified to come up with a recommendation.

Marla Dowell agreed to review -14 and, if it makes sense, prepare a draft of OP1.0110-14 for the committee to consider.

9. Strategy for -17 and -19

There is a new WD of -17 (Laser Damage) that was developed by SC9, with little or no participation of the US. Currently the only person participating in SC9/WG6 from the US is Marla Dowell. She informed us that the American laser community continues to

ignore the ISO laser damage testing standards and the associated notation, and that we really need to publish our own standards to serve the American market.

The committee discussed various options, deciding in the end to have the chairman of TF4 recommend to ASC OP that they form a new TF7 to address laser standards issues. The TF could be kicked off at either DSS or at Boulder. IPG should be able to offer some experts, and there are several candidates to lead the committee; Mike Thomas and Breck Hitz were both mentioned.

Dave Aikens volunteered to reach out to both Breck and Mike, and see if either was interested in running the committee. Donna Howland volunteered to be interim chairman, if that helped, as long as Marla Dowell would be willing to support.

Part 19 is closing in on publication, and we will need to deal with it. After a brief discussion, we decided to continue to monitor it and revisit it next year. Allen Krisiloff took the action to report back at the next meeting with any changes in -19's status, and to monitor SC7 in the same area.

10. Other action items review

Gordon Boulton announced that there was an ISO teleconference in March to discuss coating notation issues for the DIS. For example, the examples provided in the figures are poorly titled, and don't do a good job of guiding the user. A specific problem of where to put the "circle lambda" in an assembly drawing was raised at St. Gallen. We might want to hold off on publishing -9 until these issues have been resolved. He also pointed out that the ballot for -9 was possibly amiss. It seemed that some things we thought we fixed were still not included in the latest draft. On careful review, the committee determined that, in fact, the balloted edition was not the latest, and we should reballot with the correct revision. While we are at it, we can look at the recent comments on the current ISO draft and look for other things that potentially need to be fixed.

Marla Dowell moved that we reballot 10110-9 with the corrected notes and other changes, and Donna Howland seconded the motion. The motion carried unanimously.

11. Time and place for next meeting

Allen Krisiloff moved that we next meet by teleconference on Friday April 11, 2014 at 11:00 EDT. Hal Johnson seconded, and the motion carried.

12. Adjourn

At 16:14, Allen Krisiloff moved we adjourn. Bill Royall seconded, and the motion carried.