

## Draft Minutes

### **ASC OP – Committee for Optics and Electro-Optical Instruments**

(Held in conjunction with SPIE Photonics West)

Monday, February 3<sup>rd</sup>, 2014 08:30 PST

Nob Hill Room, Intercontinental Hotel  
888 Howard St., San Francisco, CA 94103

#### **Welcome and Introductions**

H. Johnson opened the meeting at 08:30 PST with introductions. In attendance were D. Palmari, D. Aikens, A. Krisiloff, W. Czajkowski, W. Royall, G. Boulbee, M. Dowell, C. Svec, L. Hanssen, T. Turner, and D. Howland. Quorum was not established, as there are 40 voting members of ASC OP. Therefore any resolutions will need to be confirmed with a letter ballot.

#### **Adoption of Agenda**

Chris Svec moved that the draft agenda be adopted, Walt Czajkowski seconded, and the motion carried.

#### **Approval of Minutes from the Prior Meeting**

Walt Czajkowski moved that the minutes to the previous meeting be accepted. Gordon Boulbee seconded, and the motion carried.

#### **Reports**

##### **TF 1 Optical Glass (H. Johnson)**

Hal Johnson reported that TF1 has reviewed all of the available options and concluded that OP3.001 should be withdrawn and replaced by a new standard based on ISO 12123. While he offered the committee a draft at the TF1 meeting, the committee decided that, to be successful, OP1.2123 would need to have the “look and feel” of ISO 12123. He is going to develop a new draft for OP1.2123, based on the detail language of ISO 12123, but adding grade labels and notes to differentiate it for the American use. In addition, Walt Czajkowski is going to try and pull together a “Rosetta Stone” which compares the glass specification of all of the glass companies.

##### **TF 2 Surface Imperfections Specifications (G. Boulbee)**

Gordon Boulbee reported that Bill Royall is still looking into the replacement for a 40W incandescent bulb, but in addition it may be possible to use a commercial product made for evaluating paint color.

He also announced that the committee had reviewed all of the ballots for v16 of the new draft of OP1.002, and that there were 11 yes votes and 1 no vote, with extensive comments. Allen Krisiloff, the project leader, will prepare an official reply to each comment so we can conclude the ballot, and create a new draft for the next round of TF balloting.

##### **TF3 Wavefront Specifications (D. Aikens reporting for C. Evans)**

After a 1 year hiatus, TF3 is reconvening on February 19<sup>th</sup> with a teleconference, to discuss Peter Takacs’ new draft of OP1.005. In addition, OP1.004 passed TF ballot, and has advanced to the OP stage. Dave Aikens expects to circulate the OP ballot later this month.

##### **TF4 American blueprint OP1.0110 drawing standards**

Dave Aikens reported that we have enough standards complete now that we should proceed to publish. He will follow up with the paperwork at the ANSI level to get the BSR8’s and BSR9’s complete, and then prepare the documents for sale on the ANSI store. While he is doing that, he will also ballot the last few standards that are started but not complete, and the committee will continue to review existing and new versions of standards as they arise for possible adoption by the US.

##### **TF5 Aspheric notation**

Dave Aikens reported for Rich Youngworth that the committee is now working on OP1.006, an aspheric metrology standard, as well as continuing to work on ISO 10110-19 at the international level.

## TF6 IR Materials

D. Aikens also reported for Adam Phenis that the TF6 committee has stumbled a bit as a result of the retirement of Gary Wiese from Lockheed Martin, and the brief period without leadership that resulted. Adam Phenis has now taken the group over, and is getting a meeting together on Monday to carry on with the TF's projects.

## Other Business

### Review of membership for balance

#### Approval of solicited experts

The committee briefly reviewed the membership for balance and for compliance to activity requirements, and the current entries for members on the website roster. The membership is considered acceptable for balance.

The following changes were proposed to the membership:

Since Corning has paid their dues and are current, they should be re-instated as a voting member;  
Jason Hess and not Brian Weinberg should be the primary member from ER Precision Optics;  
ESDI has not participated or paid their dues in three years, and so they should be removed from the membership;  
Gary Wiese has retired, so he should be listed as an individual observer, and Dan Palmari should be primary member;  
Jenoptik has no representative and has asked to be removed;  
A new representative of JDSU has been found, and we should re-instate them;  
Peter Brown has left Lattice Materials so he should be replaced by Mike Foster as their representative;  
Wayne McKinney has retired, and should be removed. Valeriy Yashchuk should be the representative for LBNL;  
Leonard Hanssen should be added as an alternate for NIST;  
We still have no representative for OptiPro, so they remain an observer until someone is found;  
OSA has asked that David Jenkins be their technical representative on the committee, so they can be a voting member;  
SAIC's name has changed to Leidos, so that change should be reflected in the membership. Adam Phenis will still represent them.

Dave Aikens proposed that we make all of the above changes. In addition, proposed we identify Gary Wiese, Bill Royall, Gordon Boulton, and Charles Gaugh as experts serving at the request of the committee, and be provided with voting membership for 2014. Donna Howland seconded the motion, and it carried. However since we do not have a quorum, this motion will need to be enacted by a resolution and voted on by the membership.

In addition, Dave Aikens pointed out that the committee needs to officially approve of Walt Czajkowski representing both APOMA and Edmund Optics.

After making the proposed changes in the spreadsheet, we will have 42 voting members, 15 of which are producers, 14 are general interest, and 13 are user-industrial, which is balanced.

**RESOLUTION 1:** *In accordance with the membership review of ASC OP conducted at Photonics West, the following members will be accepted or re-accepted as full voting members to ASC OP: 4D Technology, Corning Tropol, JDSU, and Leidos. The following members will be inactivated: SAIC, Jenoptik and ESDI.*

**RESOLUTION 2:** *In order to ensure the organization is able to continue to benefit from the very specialized knowledge of Charles Gaugh, Gordon Boulton, Gary Wiese and William Royall will be recorded as experts and provided with voting status for 2014.*

**RESOLUTION 3:** *The committee approves Walt Czajkowski as representative of both APOMA and Edmund Optics, since no other representative has been identified.*

**RESOLUTION 4:** *The membership list, as modified above, is accepted for balance. No outreach for representation to improve the balance is required at this time.*

**Review and approval of resolutions of TF’s**

TF4 recommended to the committee that it form a new task force to deal with laser standards and applications. Donna Howland volunteered to lead the committee, but then Trey Turner also volunteered, and expressed enthusiasm for the job. Dave Aikens said that he had met with Mike Thomas of SPICA, and Mike was also quite enthusiastic. Since SPICA is not a current member of OEOSC, he could not officially chair the TF however.

*RESOLUTION 5: A new task force shall be formed to address laser standards, laser damage and laser applications. The new task force shall be TF7: Laser Applications. The scope shall be “Standards for optical components and their test methods for laser applications. Trey Turner and Mike Thomas will co-chair the Task Force, with Trey being the official chairman for ASC OP purposes until SPICA joins ASC OP.*

**Review and approval of TF committees and chairpersons**

The current TF list was reviewed. The TF’s shown in the following table were all acceptable to the committee and the chairpersons were acceptable as well. D. Howland proposed we have M. Dowell become TF 3 leader, if C. Evans was no longer able to serve. D. Aikens will discuss with M. Dowell and C. Evans by teleconference and determine the best strategy, and make the change to the proposed list if appropriate. G. Boulton moved that we circulate a resolution affirming the TF Leaders and scope as modified, after Aikens, Dowell, and Evans have their telecon meeting and determined the TF 3 leader. J. Tipps seconded, and the motion carried.

*RESOLUTION 6: In accordance with the review at Photonics West, the following TF committees and chairpersons are approved for 2014. In addition, Hal Johnson shall continue as chairman of ASC OP, and Walt Czajkowski shall remain vice chairman.*

<b>Task Force</b>	<b>Title</b>	<b>Chairperson</b>
<b>TF 1</b>	Optical Glass	Hal Johnson
<b>TF 2</b>	Optical Surface Imperfections	Gordon Boulton
<b>TF 3</b>	Wavefront Measurement	Dr. Chris Evans
<b>TF 4</b>	Conversion of ISO 10110 into American National Standards	Dave Aikens
<b>TF 5</b>	Aspheric Optics	Rich Youngworth
<b>TF 6</b>	IR Materials	Adam Phenix

**Time and Place for Next OP Meeting**

Bill Royall moved that we meet next on Monday, February 9th 2015 in San Francisco in conjunction with Photonics West. Allen Krisiloff seconded, and the motion carried.

**Adjourn**

Since there was no further business to come before the committee, Bill Royall moved that the meeting be adjourned. Walt Czajkowski seconded the motion, and it carried. The meeting was adjourned at 12:45 PST.

**Resolution summary for February 2014 meeting, all to be approved by letter ballot.**

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