ASC OP/TF 2, Performance Based Optical Imperfections Task Force Draft Standard Meeting  
August 1, 2010, 8:30 a.m. – 12 Noon  
Marriott Hotel and Marina, Encinitas Room  
333 West Harbor Drive, San Diego, CA, 92101

Committee Members (11) Representing
- David Aikens (by phone) Savvy Optics Corporation
- Gordon Boultbee JDSU Corporation
- Andrei Brunfeld Xyrtex
- Benjamin Catching (Alternate) JDSU Corporation
- David Corridon Individual
- Walter Czajkowski APOMA (Edmund Optics)
- Frank Dombrowski (by phone) Gage-Line Technology, Inc.
- Marla Dowell IEEE Photonics Society (NIST)
- Marla Dowell NIST
- Lincoln Endelman SPIE, (Endelman Enterprises)
- Charles Gaugh Davidson Optronics, Inc.
- Donna Howland Northrop Grumman Aerospace Systems
- Hal Johnson Harold Johnson Optical Lab
- Alan Krisiloff Triptar Lens Co., Inc.
- Mike Mandina (Alternate) Optimax Systems, Inc.
- Ashish Mistry FLIR Precision Optics
- Rick Plympton (Alternate) Optimax Systems, Inc.
- William Royall (by phone) Individual (Retired)
- Keith Snyder (by phone) Northrop Grumman Laser Systems
- Trey Turner Research Electro-Optics, Inc.
- Ray Williamson Consulting

Observers (1)
- Peter Takacs Brookhaven National Lab.
- Gene Kohlenberg OEOSC

1. Welcome and Introductions
   G. Boultbee opened the meeting at 9:03 a.m. He asked each person in the room and on the phone to introduce him or herself.

2. Adoption of Agenda
   The Task Force Leader suggested that the agenda be reordered to fit the time that D. Aikens could call into the meeting. G. Boultbee asked for a motion to approve the draft agenda. A. Krisiloff made the motion to accept the agenda, and R. Williamson seconded it. The motion carried unanimously.

   A. Krisiloff moved that the minutes be accepted and W. Czajkowski seconded the motion. The motion carried unanimously.

4. OP1.002 Update
   A. Krisiloff discussed the revision being proposed. His presentation is available on the OPTSTD website under the August 1, 2010 TF 2 list of documents.
   A. Krisiloff proposed a long title for the revised draft standard. G. Boultbee suggested that the title should be short and the information in this long title be included in the Scope. C. Gaugh said that the word “cosmetic” should not be included in the title. A. Krisiloff said that he is trying to title the draft so that those who may not have thirty years of experience would understand what is in the document. G. Boultbee said that he does not like the term “cosmetic”. C. Gaugh said that
“cosmetic” in the southwest implies that the imperfection has no effect on use of the optic. R. Williamson looked up the definition of “cosmetic” and concluded that the term does not fit the use proposed in this title.

M. Mandina said that a fabricator is using a bright light and a loop to look at the surface. That should be remembered when this draft is revised.

There was a discussion about volumetric issues in clauses 3.35 – 3.36.

5. Follow-up on Letter to Army ARDEC
   D. Aikens joined the meeting by phone. He called ARDEC (Mark Lindenbaum) and asked if they had time to review the letter and OP1.002. The Army will not obsolete MIL-O-13830. They are interested in OP1.002 as a clarifying document. The best that they could do is reference OP1.002 in the informative Section 6, which covers commercial, non-military advisory documents.

   When D. Aikens visited ARDEC, he forgot to ask about the future demise of incandescent lamps.

6. Update Progress on Scratch and Dig Calibration Study
   D. Aikens presented his slides, which are on the optstd.org website in the section for this meeting.

The Task Force recessed at 11:03 a.m and reconvened at 11:24 a.m.

7. Action Items

   ASC OP/TF 2 Action Items from Previous Meeting

<table>
<thead>
<tr>
<th>Agenda Item</th>
<th>Action Item</th>
<th>Owner</th>
<th>Due Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Follow-up on Letter to Army ARDEC</td>
<td>D. Aikens</td>
<td>08/01/10</td>
<td>Completed</td>
</tr>
<tr>
<td>5</td>
<td>Update Progress on Scratch and Dig Calibration Study</td>
<td>D. Aikens</td>
<td>08/01/10</td>
<td>Reported</td>
</tr>
<tr>
<td>6</td>
<td>Feed back Concerning Draft of OP1.002 to A. Krisiloff</td>
<td>TF Members</td>
<td>04/01/10</td>
<td>Reported</td>
</tr>
</tbody>
</table>

   ASC OP/TF 2 Action Items for Next Meeting

<table>
<thead>
<tr>
<th>Agenda Item</th>
<th>Action Item</th>
<th>Owner</th>
<th>Due Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Check for reference to do magnification calculation in case where the observer is looking at (internal) cemented surfaces.</td>
<td>A. Krisiloff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Keep scope consistent with title, i.e. cosmetic vs. appearance. Add statement specifying what is not included in the scope.</td>
<td>A. Krisiloff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Complete review of A. Krisiloff's critique and provide A. Krisiloff with feedback.</td>
<td>All</td>
<td>9/1/10</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Report back to task group on ARDEC visit and discussion on adoption of new American standards.</td>
<td>A. Krisiloff</td>
<td>10/01/10</td>
<td></td>
</tr>
</tbody>
</table>

8. Time and Place of next TF 2 Meeting
   M. Dowell moved that the Task Force meet in San Francisco during Photonics West. D. Howland seconded the motion, which carried unanimously.

9. Adjourn
   C. Gaugh moved that the meeting be adjourned; M. Dowell seconded the motion, which carried unanimously. The meeting adjourned at 12:03 p.m.