

Draft
Minutes

ASC OP/TF 2, Performance Based Optical Imperfections Task Force Draft Standard Meeting
January 24, 2010, 8:30 a.m. – 12 Noon
Hilton San Francisco Union Square Hotel, Golden Gate 6 Room
333 O'Farrell Street, San Francisco, CA, 94102

<input checked="" type="checkbox"/> Committee Members (14 of 21)	Representing
<input checked="" type="checkbox"/> David Aikens (by phone)	Savvy Optics Corporation
<input checked="" type="checkbox"/> Gordon Boulton	JDSU Corporation
<input type="checkbox"/> Andrei Brunfeld	Xyrtex
<input type="checkbox"/> Benjamin Catching (Alternate)	JDSU Corporation
<input checked="" type="checkbox"/> David Corridon	Individual
<input checked="" type="checkbox"/> Walter Czajkowski	APOMA (Edmund Optics)
<input type="checkbox"/> Jessica DeGroote Nelson	Optimax Systems, Inc.
<input type="checkbox"/> Frank Dombrowski (by phone)	Gage-Line Technology, Inc.
<input checked="" type="checkbox"/> Marla Dowell	IEEE Photonics Society (NIST)
<input checked="" type="checkbox"/> Marla Dowell	NIST
<input type="checkbox"/> Lincoln Endelman	SPIE, (Endelman Enterprises)
<input checked="" type="checkbox"/> Charles Gaugh	Davidson Optronics, Inc.
<input checked="" type="checkbox"/> Donna Howland	Northrop Grumman Aerospace Systems
<input checked="" type="checkbox"/> Hal Johnson	Harold Johnson Optical Lab
<input checked="" type="checkbox"/> Alan Krisiloff	Triptar Lens Co., Inc.
<input type="checkbox"/> Ashish Mistry	FLIR Precision Optics
<input checked="" type="checkbox"/> Rick Plympton (Alternate)	Optimax Systems, Inc.
<input checked="" type="checkbox"/> William Royall (by phone)	Individual (Retired)
<input type="checkbox"/> Keith Snyder	Northrop Grumman Laser Systems
<input checked="" type="checkbox"/> Trey Turner	Research Electro-Optics, Inc.
<input checked="" type="checkbox"/> Ray Williamson	Ray Williamson Consulting
Observers (2)	
<input checked="" type="checkbox"/> Peter Takacs	Brookhaven National Lab.
<input checked="" type="checkbox"/> Gene Kohlenberg	OEOSC

1. Welcome and Introductions

G. Boulton opened the meeting at 8:32 a.m. He asked each person in the room and on the phone to introduce him or herself.

2. Adoption of Agenda

G. Boulton 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.

3. Approval of the Monday, August 11, 2009 ASC OP/SC 1, BSR/OEOSC-OP1.002, Optics and Electro-Optical Instruments – Optical Elements and Assemblies — Appearance Imperfections Draft Review Minutes

R. Williamson moved that the minutes be accepted and H. Johnson seconded the motion. The motion carried unanimously.

4. Response from Army ARDEC to OEOSC letter

D. Aikens has not received any response, as yet.

5. Scratch and dig instrumentation update

D. Aikens presented his slides, which are on the optstd.org website in the section for this meeting. He also showed a preliminary graph showing brightness values for four commercial reference object sets. He wants to review the data before making it public.

6. Rev. 3 of OP1.002

A. Krisiloff discussed the revision being proposed. C. Gaugh described his brightness measurements for 40 W tungsten bulbs and 15 W fluorescent tubes. The data appears on the optstd.org website in the area for this meeting.

The Task Force took a break at 9:55 a.m. and reconvened at 10:15 a.m.,.

A. Krisiloff reviewed his draft for a new version of OP1002.

After a lengthy discussion of the draft, T. Turner suggested that the discussion be tabled so that the Task Force could decide if this draft is the direction that the Task Force wants to go. The Task Force was concerned about doing a major change in the standard. The consensus was that the document can be tweaked, but should not be drastically reworked.

7. Action Items

ASC OP/TF 2 Action Items from Previous Meeting

<i>Agenda Item</i>	<i>Action Item</i>	<i>Owner</i>	<i>Due Date</i>	<i>Status</i>
4	Edit memo to be sent to Mark Lindenbaum and submit to the Task Force for Approval	D. Aikens, M. Dowell	8/10/09	Completed
5	a) Ask Pyser-SGI if OEOSC can borrow their instrument for the purposes of a round-robin study comparing illumination methods and comparison artifacts with the intent to publish the results.	D. Aikens	8/17/09	Pyser-SGI does not want to participate in the comparison.
	b) Conduct and document a comparison study using a Davidson illumination fixture, the SIRA instrument, the Savvy Inspector, using the same comparison artifacts.	D. Aikens C. Gaugh	Study completed by 1/15/10	Half completed.
6	a) Define test environment for the current GE 40 watt bulb and the 15 watt cool fluorescent lamp in a Davidson test box.	C. Gaugh	8/17/09	Completed.
	b) Compare 40 watt illumination with similar compact fluorescent illumination in a visual test fixture	G. Boulton M. Mandina C. Gaugh	10/12/09	Not done yet.
	c) Summarize results of illumination comparison and submit to G. Kohlenberg for posting on web.	A. Krisiloff	10/31/09	Not done yet.
	d) Give A. Krisiloff information about the JDSU iron-oxide test target	G. Boulton	8/17/09	Not done yet.
	e) An additional working draft of OP1.002	A. Krisiloff	1/15/10	Completed.

ASC OP/TF 2 Action Items for Next Meeting

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

8. Time and Place of next TF 2 Meeting

G. Boulton asked for a show of hands for each suggested meeting location: San Jose, 2; San Diego, 4; Rochester, 1; Jackson Hole, WY, 3; Orlando, 2.

M. Dowell suggested that the top two choices be compared with the choices of the other Task Forces before making a decision. The top two choices are Jackson Hole, WY in June and San Diego, CA in August.

9. Adjourn

A. Krisiloff moved that the meeting be adjourned; R. Plympton seconded the motion, which carried unanimously. The meeting adjourned at 12:15 p.m.