

Draft
Minutes

ASC OP/TF 2, Performance Based Optical Imperfections Task Force Draft Standard Meeting
August 3, 2009, 8:30 a.m. – 12 Noon
Marriott Hotel and Marina, Encinitas Room
333 West Harbor Drive, San Diego, CA, 92101

<input checked="" type="checkbox"/> Committee Members (10 of 20)	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 type="checkbox"/> David Corridon	Individual
<input type="checkbox"/> Walter Czajkowski	APOMA (Edmund Optics)
<input type="checkbox"/> Jessica DeGroote Nelson	Optimax Systems, Inc.
<input checked="" type="checkbox"/> Frank Dombrowski (by phone)	Gage-Line Technology, Inc.
<input checked="" type="checkbox"/> Marla Dowell (by phone)	IEEE Photonics Society (NIST)
<input checked="" type="checkbox"/> Marla Dowell (by phone)	NIST
<input type="checkbox"/> Lincoln Endelman	SPIE, (Endelman Enterprises)
<input checked="" type="checkbox"/> Charles Gaugh	Davidson Optronics, Inc.
<input type="checkbox"/> Ulf Griesmann	OSA (NIST)
<input type="checkbox"/> Krishna Gupta	Zygo Corporation
<input checked="" type="checkbox"/> Hal Johnson	Harold Johnson Optical Lab
<input checked="" type="checkbox"/> Donna Howland (by phone)	Northrop Grumman Aerospace Systems
<input type="checkbox"/> Alan Krisiloff (by phone)	Triptar Lens Co., Inc.
<input checked="" type="checkbox"/> Mike Mandina (Alternate)	Optimax Systems, Inc.
<input type="checkbox"/> Ashish Mistry	FLIR Precision Optics
<input type="checkbox"/> Rick Plympton (Alternate)	Optimax Systems, Inc.
<input type="checkbox"/> Sam Richman (Alternate)	Research Electro-Optics, Inc.
<input type="checkbox"/> William Royall	Eastman Kodak Company, Retired
<input type="checkbox"/> Trey Turner	Research Electro-Optics, Inc.
<input checked="" type="checkbox"/> Ray Williamson	Ray Williamson Consulting
Observers (2)	
<input checked="" type="checkbox"/> Jim Davidson	Davidson Optronics, Inc.
<input checked="" type="checkbox"/> Gene Kohlenberg	OEOSC
<input type="checkbox"/> Ari Siletz	CCDMETRIX

1. Welcome and Introductions

G. Boulton opened the meeting at 8:39 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. H. Johnson made the motion to accept the agenda, and C. Gaugh seconded it. The motion carried unanimously.

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

M. Mandina moved that the minutes be accepted and H. Johnson seconded the motion. The motion carried unanimously.

4. Strategy for Requesting Changes to MIL-PRF-13830

D. Aikens presented his strategy. OP1.002-2009 replaces just a small part of MIL-PRF-13830. His recommendation is to have OP1.002 inserted into MIL-PRF-13830. C. Gaugh asked if the military document would update when OP1.002 is updated. D. Aikens did not know the answer. G. Boulton said that for another document that he knows, the military did make updates.

M. Dowell asked to whom the request would be directed. D. Aikens said that Mark Lindenbaum is the keeper.

The group reviewed W. Royall's draft letter to the military. J. Davidson suggested that a draft of the military document could be attached.

D. Aikens moved that strategy number 2 of the D. Aikens memo of 7/29/09 be chosen. M. Dowell seconded the motion which carried unanimously. The draft will be distributed for review and approval before it is sent.

5. Location of the infamous "second SIRA instrument"

D. Aikens said that he has the second SIRA instrument borrowed from Pyser-SGI. Lionel Baker developed the approach with SIRA for British BS 4301 standard. L. Baker described the instrument in his 2006 book. One unit is at Picatinny and the other is owned by Pyser-SGI.

6. New Work Item for Rev. 3 of OP1.002

A. Krisiloff discussed the issues concerning the revision. He presented a copy of the current standard with notes marking areas that need attention.

The Task Force recessed at 10:35 a.m. and resumed the meeting at 10:55 a.m.

7. Action Items

<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	
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	
	b) Conduct and document a comparison study using a Davidson illumination fixture, the SIRA instrument, the Savvy Inspector, using the same light fixture.	D. Aikens C. Gaugh	Study completed by 1/15/10	
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	
	b) Compare 40 watt illumination with similar compact fluorescent illumination in a visual test fixture	G. Boulton M. Mandina C. Gaugh	10/12/09	
	c) Summarize results of illumination comparison and submit to G. Kohlenberg for posting on web.	A. Krisiloff	10/31/09	
	d) Give A. Krisiloff information about the JDSU iron-oxide test target	G. Boulton	8/17/09	
	e) An additional working draft of OP1.002	A. Krisiloff	1/15/10	

8. Time and Place of next TF 2 Meeting

H. Johnson moved that the next meeting be held January 24, 2010, in San Francisco, CA. A. Krisiloff seconded the motion, which carried unanimously.

9. Adjourn

R. Williamson moved that the meeting be adjourned; C. Gaugh seconded the motion, which carried unanimously. The meeting adjourned at 11:50 a.m.