

Draft
 Minutes of ASC OP Meeting
 Monday, January 25, 2010, 1:30 p.m. – 3:00 p.m.
 Hilton San Francisco Hotel Union Square, Golden Gate 6
 333 O'Farrell Street, San Francisco, California 94102

Present	Participants (6 of 22+ 1 alt.)	Representing
<input checked="" type="checkbox"/>	Committee Members	
<input type="checkbox"/>	David Aikens	Savvy Optics
<input type="checkbox"/>	Sam Bailey (alternate)	Davidson Optronics, Inc.
<input type="checkbox"/>	Gordon Boulton	JDS Uniphase Corporation
<input type="checkbox"/>	Benjamin Catching	JDSU
<input type="checkbox"/>	David Corridon	Individual
<input type="checkbox"/>	Walter Czajkowski	APOMA (Edmund Optics)
<input type="checkbox"/>	Jessica E. DeGroote Nelson	Optimax Systems, Inc.
<input type="checkbox"/>	Frank Dombrowski	Gage-Line Technology, Inc.
<input checked="" type="checkbox"/>	Marla Dowell	IEEE/LEOS
<input checked="" type="checkbox"/>	Marla Dowell	NIST
<input type="checkbox"/>	Lincoln Endelman	SPIE (Endelman Enterprises)
<input type="checkbox"/>	Chris Evans	Zygo Corporation
<input type="checkbox"/>	John Fleischer	Photon, Inc.
<input type="checkbox"/>	Charles Gaugh	Davidson Optronics, Inc.
<input type="checkbox"/>	Ulf Griesmann	OSA
<input type="checkbox"/>	Krishnakant Gupta	Zygo Corporation
<input type="checkbox"/>	Jeffrey Guttman	Photon, Inc.
<input checked="" type="checkbox"/>	Donna Howland	Northrop Grumman Aerospace Systems
<input checked="" type="checkbox"/>	Hal Johnson	Harold Johnson Optical
<input checked="" type="checkbox"/>	Allen Krisiloff	Triptar Lens Co., Inc.
<input type="checkbox"/>	Mike Mandina	Optimax Systems, Inc.
<input type="checkbox"/>	Stephen Martinek	4D Technology Corporation
<input type="checkbox"/>	Ashish Mistry	FLIR Precision Optics
<input checked="" type="checkbox"/>	Rick Plympton (Alternate)	Optimax Systems, Inc.
<input type="checkbox"/>	Kathleen Richardson	School of Materials Science & Eng., Clemson
<input type="checkbox"/>	William E. Royall	Honorary
<input type="checkbox"/>	Peter Takacs	Brookhaven National Lab.
<input type="checkbox"/>	Trey Turner	Research Electro-Optics, Inc.
<input checked="" type="checkbox"/>	Ray Williamson	Ray Williamson Consulting
<input checked="" type="checkbox"/>	Rich Youngworth	Light Capture Inc.
Observers (1)		
<input type="checkbox"/>	Andrei Brunfeld	Xyratex
<input checked="" type="checkbox"/>	Gene Kohlenberg	OEOSC
<input type="checkbox"/>	Wayne R. McKinney	Lawrence Berkeley National Lab
<input type="checkbox"/>	Valeriy Yashchuk	Lawrence Berkeley National Lab

Welcome and Introductions

D. Aikens opened the meeting at 1:35 p.m.

Adoption of Agenda

S. Martinek moved that the draft agenda be approved; R. Williamson seconded the motion which passed unanimously.

Approval of the ASC OP Meeting Draft Minutes

S. Martinek moved that the draft minutes be approved. R. Williamson seconded the motion; the motion passed unanimously.

Reports

Performance Based Optical-Surface Imperfection Standard

G. Boulton said that TF 2 discussed the letter to the army asking them to consider referencing OP1.002. The letter went out in early January, so a response is not expected this soon.

D. Aikens had reported on the comparison of polarization based instrumentation and the scatterometry approach for determining scratch visibility. The army is considering abandoning the current polarization technique.

G. Boulton said that A. Krisiloff discussed proposed revisions to OP1.002. The Task Force agreed that they wanted to improve the organization layout of the standard, but did not want to completely redraft the document. The community that has become accustomed to the original military standard may become confused and alienated.

The Task Force discussed the imminent demise of the tungsten light bulb, which are used in current inspection booths. A viable alternative needs to be found.

Wavefront Specification Project

On behalf of C. Evans D. Aikens discussed the status of OP1.004 and OP1.005. There was a line-by-line review of OP1.004. It should be ready for ballot soon. OP1.005 covers frequency domain analysis of surface properties. After two more sections are finished, it should be ready for ballot.

ISO Standards Development Projects

D. Aikens said that there are 18 standards that will be adopted as ANS. OP1.0110-1 has been balloted by this committee, and OP1.0110-10 has been balloted by TF 4.

In process are OP1.0110-9 and OP1.0110-12. M. Dowell has agreed to edit OP1.0110-5 to be consistent with OP1.004. ISO 10110-8 will be modified at the international level before being adopted nationally.

OP1.0110-11 has also been added.

The ISO 9211 series is ready for US adoption.

One-Hour Short Overview of Scratch and Dig Standards

A. Krisiloff said that this project is on hold. He offered the project to someone else if there is an interested project leader.

ANSI/OEOSC TAG to ISO/TC 172 Activities

SC 1

D. Aikens said that SC 1 met this year in Berlin. The report is available on the optstd.org website under the **sc/wg** tab.

Activities include raw glass, centering, and surface texture.

SC 3

G. Boulton said that ISO 12123 is completed.

An amendment to ISO 9211-4 was combined with its periodic review.

SC3 started a new standard for the characterization of optical materials in the spectral range 0.78 – 25 μ .

Experts Needed

- SC 1/WG 3, Environmental test methods
- SC 1/WG 4, Data transfer: contents and management
- SC 3/WG 3, Characterization of IR materials
- SC 4, Telescopic systems
- SC 6, Geodetic and surveying instruments

Other Business

Results of Vote by Correspondence Concerning OP Numbering of Standards

OP did not have a quorum at the last meeting when the committee agreed to keep the current numbering system for its standards. So a vote by correspondence was taken. Eleven members voted yes, and two voted yes with comments. The comments asked that ISO 10110 be labeled OP1.0110 for the ANS version. Since the documentation for the first standard has already been submitted to ANSI with the designation OP1.110, the Secretary will have to check with ANSI to see if the number can be changed.

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A. Krisiloff moved that the G. Kohlenberg to change the number to 1.0110.

Membership

G. Kohlenberg presented a list of all members of OP for 2009.

G. Boulton will ask B. Catching if he plans to continue on ASC OP.

A. Brunfeld will be queried if he wants to continue.

D. Aikens thinks that K. Gupta wants to continue to participate.

Review of Proposed Wavefront Sensor Standard Project.

M. Dowell said that SC 9 has a version of this. The recommendation is to take the SC 9 report, clean it up and turn it into a technical report which describes how to use a wavefront sensor specifically for the application of measuring surface wavefronts. They could be the most commonly used tool for aspheres.

SC 9 has asked the member bodies to determine if this is worth continuing. D. Aikens thinks that it is worth pursuing, and asked if anyone wants to be an expert on the project. It will probably take two years to complete. D. Howland was asked to find an expert at Northrop Grumman.

D. Aikens said that he would notify Dan Neal that OP is interested in the project.

Time and Place for Next OP Meeting

G. Boulton moved that the OP meeting be held during the 2011 SPIE's Photonics West in San Francisco, CA. A. Krisiloff seconded the motion, which carried unanimously.

Adjourn

Since there was no further business to come before the committee, M. Dowell moved that the meeting be adjourned. W. Czajkowski seconded the motion. The meeting was adjourned at 2:37 p.m.