

Meeting Minutes (Draft 1)

ASC-OP/TF2: Surface Imperfections

Sunday, January 28, 2018

Sutter Room, 5th Fl, Intercontinental Hotel, 888 Howard St., San Francisco, CA

CALL TO ORDER AT 1:35 PM PST

Gordon Boulton, Chairman of TF2, called the meeting to order.

WELCOME AND INTRODUCTIONS

Voting Members

1. APOMA, Walt Czajkowski (Voter Present)	11. REO, Trey Turner (Voter Present)
2. Edmund Optics Inc., Jay Nelson (Voter Present)	12. Savvy Optics Corp., Dave Aikens (Voter Present)
3. Eric Herman, Eric Herman (Voter Present)	13. Triptar, Allen Krisiloff (Voter Present)
4. Gordon Boulton, Gordon Boulton (Voter Present)	14. AMP Optics, LLC, (Voter Absent)
5. Hal Johnson, Hal Johnson (Voter Present)	15. Gage-Line, (Voter Absent)
6. LBNL, Sergey Nikitin (Voter Present)	16. M3 Measurement Solutions Inc., (Voter Absent)
7. Lockheed Martin MFC, Dan Palmari (Voter Present)	17. Optic Systems Group, (Voter Absent)
8. NIST, Leonard Hanssen (Voter Present)	18. Ray Williamson Consulting, (Voter Absent)
9. Northrop Grumman, Donna Howland (Voter Present)	19. Riyo LLC, (Voter Absent)
9. Northrop Grumman, James Chung (Alternate Present)	20. Spica Technologies, Inc., (Voter Absent)
10. Optimax Systems, Patrick Augino (Voter Present)	21. SPIE, (Voter Absent)

Bold = Voting Member Present. Quorum threshold of >50% achieved: 13 out of 21 voting members present.

Observers

1. LLNL, Tiffany Connors (Observer Present)	3. Sydor, Tom Ward (Observer Present)
2. Mahr, Brent Bergner (Observer Present)	

RECORDING SECRETARY

Allen K.

ADOPTION OF AGENDA

Motion by Dave A. Second by Patrick A. Passed 100%

APPROVAL OF MEETING MINUTES FROM 2017 JAN 29

Motion by Donna H. Second by Patrick A. Passed 100%

SUMMARY OF PUBLICATION OF OP1.002-2017 (ALLEN K.)

Published in September 2017. Sixteen copies were sold through ANSI's website in September (Q3). No figures yet for Q4.

ASSESSMENT OF OP1.002-2017 AND ISO 10110-7 (DAVE A.)

Accumulation formulas slightly different; ISO does not specify default artifacts (the artifact standard must be specified on the drawing); inspection station in ISO is specified in irradiance rather than source type and wattage; nothing about area imperfections in ISO; edge imperfections not as effectively covered in ISO; plastic optics have a real problem with streaks which are not addressed in either standard.

UPDATE ON SAVVY INSPECTOR AND SURFACE IMPERFECTION TRAINING (DAVE A.)

Fifty SavvyInspector units in the field. Redlux sells a competing product. Recently introduced a motorized SavvyInspector. Savvy Optics introduced a manual viewing station with a photometer and sealed lamp for clean room environments.

We have reached about 1200 people in about 55 classes over past few years. A 10110 presentation is scheduled for the University of Rochester later this year. Interest in ISO standards is increasing.

REPORT ON MACHINE VISION AT THE ISO (DAVE A.)

The German member body is working on a technical report with assistance from the American member body. Technical reports can lead to standards or simply summarize available technology.

NEW BUSINESS

Discussion centered on the merits of advancing OP1.002 to another revision level or simply adopting ISO 10110-7. ISO now includes the Visibility System, but it doesn't yet go down far enough into low visibility to address laser optics. The ISO accumulation rule for dimensional specifications is problematic. Area imperfections are not addressed in ISO. Consensus was to wait and see how the new version of OP1.002 is accepted. Gordon B. suggested that early drafts of sections that address issues like sleeks, low level visibility specifications, and area imperfections could be started without immediate intent to revise OP1.002-2017.

NEXT MEETING

Photonics West 2019. Motion by Dan P. Second by Dave A. Passed 100%.

ADJOURNMENT AT 3:10 PM

Motion by Dave A. Second by Walt C. Passed 100%.