

Meeting Minutes (Draft 1)

ASC-OP/TF1: Optical Materials

Sunday, January 28, 2018

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

CALL TO ORDER AT 8:30 AM PST

Hal Johnson, Chairman of TF1, called the meeting to order.

WELCOME AND INTRODUCTIONS

Members

1. APOMA, Walt Czajkowski (Voter Present)	8. Northrop Grumman, James Chung (Alternate Present)
2. Edmund Optics Inc., Jay Nelson (Voter Present)	9. Optimax Systems, Inc., Patrick Augino (Voter Present)
2. Edmund Optics Inc., Nathan Carlie (Alternate Present)	10. Savvy Optics Corp., Dave Aikens (Voter Present)
3. Eric Herman (self), Eric Herman (Voter Present)	11. Triptar, Allen Krisiloff (Voter Present)
4. Gordon Boulton (self), G Boulton (Voter Present)	12. AMP Optics, LLC, (Voter Absent)
5. Hal Johnson (self), Hal Johnson (Voter Present)	13. Nikon RCA, (Voter Absent)
6. Lockheed Martin MFC, Dan Palmari (Voter Present)	14. Optic Systems Group, (Voter Absent)
7. NIST, Leonard Hanssen (Voter Present)	15. Ray Williamson Consulting, (Voter Absent)
8. Northrop Grumman, Donna Howland (Voter Present)	16. SPIE, (Voter Absent)

Quorum achieved: 11/16 > 8/16 (50%)

Observers

1. INAF-OABR, Alessio Zanutta (Observer Present)	3. Susobhan Das (self), S Das (Observer Present)
2. INAF-OABR, Andrea Bianco (Observer Present)	4. Sydor, Tom Ward (Observer Present)

RECORDING SECRETARY

Allen K.

ADOPTION OF AGENDA

Motion by Jay N. Second by Gordon B. Passed 100%

APPROVAL OF MEETING MINUTES FROM 2017 JAN 29

Motion by Walt C. Second by Nathan C. Passed 100%

UPDATE ON ISO 12123 (ALLEN K.)

Approval of a final draft and publication of ISO 12123 is expected later this year.

The current draft of ISO 12123 includes mnemonic grade labels for most specifications of glass quality. The labels are formed by taking two letters from the name of the specification and combining them with the characteristic numerical values of the tolerance. It will eliminate the need to memorize ordinal grade levels such as A through E or 1 through 5. It is not yet known if optical material manufacturers will adopt the new grade levels or their designations.

The current draft also includes the revised calculations for the normal partial dispersion lines.

Discussion centered on the issues of striae specification and measurement: directionality, spatial frequency, mapping to older, traditional methods of specification using single letter grades, and the use of shadowgraph or schlieren techniques for assessment. Eric H. and Nathan C. will continue to think about ways to introduce spatial frequency into a specification for striae.

NEXT MEETING

Motion for next meeting at Photonics West 2019: Dave A. / Jay N. / 100%

ADJOURNMENT AT 9:10 AM PST

Motion by Gordon B. Second by Dave A. Passed 100%