Meeting Minutes (Draft 1)
ASC-OP/TF6 IR Materials and Joint SPIE-OEOSC IR Working Group

Wednesday, 2019 APR 17

Baltimore Convention Center, SPIE DCS Conference, Baltimore, MD

CALL TO ORDER AT 8:10 AM

Adam Phenis, Chairman of TF6, brought the meeting to order.

WELCOME AND INTRODUCTIONS

Voting Members

1. AMP Optics, LLC, Adam Phenis (Voter Present)	11. E.R. Precision Optical Corporation, (Voter Absent)
2. M3 Measurement, Erik Stover (Voter Present)	12. Edmund Optics Inc., (Voter Absent)
3. NGC, Shu-I Wang (Voter Present)	13. Eric Herman, (Voter Absent)
4. NIST, Leonard Hanssen (Voter Present)	14. Gray Optics, (Voter Absent)
4. NIST, John Burnett (Alternate Present)	15. Hal Johnson, (Voter Absent)
5. Savvy Optics Corp, Dave Aikens (Voter Present)	16. Lockheed Martin Missiles and Fire Control, (Voter Absent)
6. Triptar, Allen Krisiloff (Voter Present)	17. Optimax Systems, Inc., (Voter Absent)
7. 4D Technology Corporation, (Voter Absent)	18. Ray Williamson Consulting, (Voter Absent)
8. APOMA, (Voter Absent)	19. Spica Technologies, Inc., (Voter Absent)
9. Ball Aerospace, (Voter Absent)	20. SPIE, (Voter Absent)
10. Burris Optics Company, Inc., (Voter Absent)	

Bold = Voting Member Present. Quorum threshold of >50% NOT achieved: 6 out of 20 voting members present. Only house-keeping business for TF6 may be officially conducted.

Observers

21. Aselsan, Mustafa Burak Cosar (Observer Present)	*25. Johns Hopkins, Mike Thomas (Observer Present)*
22. BAE Systems, Ian Murray (Observer Present)	*26. Schott Glass, James Marro (Observer Present)*
23. CREOL, Myungkoo Kang (Observer Present)	*27. Silicon Sense, Dawn Jennings (Observer Present)*
24. CVD Ceramics, Brent Romero (Observer Present)	*28. Yu Xia, Yu Xia (Observer Present)*

RECORDING SECRETARY

Allen K.

ADOPTION OF AGENDA

Motion by Erik S. 2nd by Dave A. Passed 100%

APPROVAL OF MEETING MINUTES FROM 2017 JAN 29

Motion by Dave A. Second by Erik S. Passed 100%

UPDATE ON ZnSe MEASUREMENTS (JOHN B.)

John reviewed the refractometer at NIST. Temperature stability is more important for ZnSe than for Ge because of its higher dN/dt. Data looks good. Errors for index in the shorter wavelengths are dominated by surface figure of the prisms and homogeneity of the material. John will continue to study the data and work to reduce the error bars (systematic and random) before publishing. It was suggested that after the dispersion curve for ZnSe has been mapped, it might make sense to return to Ge and measure its dN/dt at several key temperatures. Then return to the task of mapping more materials, for example, some of the chalcogenide materials that are currently in demand.

The discussion then moved to the ways in which individual companies can contact NIST to support the work that John has been doing. American industry must show that it values this program. Allen K. will talk to SPIE. Shu-i W. will talk to her management at NGC about statements of support and a budget to help cover some of NIST's costs. Everyone was encouraged to discuss these issues at their companies.

PROJECT UPDATE ON THE IR BANDS STANDARD OP1.007 (ALLEN K.)

Allen reported that the balloting for final committee approval has already started. Participation in the vote is important. Only registered voting members of the standards committee have the opportunity to review the draft and cast a ballot. Balloting will close in mid-May. If approved, then certification by the ANSI will conclude in Q3 and the standard can go to publication.

A draft of the standard on the protocol for extracting samples from boules will be reviewed, then circulated for approval.

NEXT MEETING

Optifab 2019. Motion by Dave A. Second by Erik S. Passed 100%.

ADJOURNMENT AT 9:40 AM

Motion by Erik S. Second by Dave A. Passed 100%.