

Minutes (Draft 1)

ASC OP/TF 2 - Surface Imperfections
Photonics West 2017, Intercontinental Hotel, San Francisco, CA
January 29, 2017, 13:30 PST

Meeting Convened at 13:30 PST

Facilitated by G. Boulton, Chairman TF2

Welcome and Introductions

APOMA, Walt Czajkowski	Optimax, Jessica Nelson
Edmund Optics, Jay Nelson	Ray Williamson Consulting, Ray Williamson
Gordon Boulton, Retired	REO, Trey Turner
NIST, Leonard Hanssen	Savvy Optics, Dave Aikens
NIST, Marla Dowell	St. Jude Medical, Andrew Belle-Isle (observer)
Northrop Grumman, Donna Howland	Triptar, Allen Krisiloff
Optic Systems, Charles Gaugh	

Quorum achieved (11/21 > 50%)

Adoption of Agenda

D. Aikens moved. A. Krisiloff second. 100% approval.

Adopt Minutes

Amended with Photonics Spectra changed to Photonics Media.

D. Howland moved. D. Aikens 2nd. 100% approval.

Discussion of Table 2 OP1.002-2016

Last year, OP1.002-2016 was approved for publication as the new version of OP1.002-2009. However, as the manuscript was prepared for distribution, it was realized that the new version's accumulation rule for visibility digs conflicted with current practice. Currently, all visible digs are considered during accumulation no matter which quality grade is specified. However, Table 2 defined negligible as "not visible" for only the two smallest grades (5 and 10). For the more visible grades 20, 40, and 50, Table 2 had defined accumulation to apply only to the specified grade and one grade below the specified grade.

The intent had been to harmonize the accumulation in the visibility system with accumulation in the dimensional system. In discussion, it was recognized that a more important goal is to maintain consistency with current practice. The visibility and dimensional systems do not need to be harmonized. They serve two different, important purposes.

A suggestion was made to change Table 2 and bring it into conformity with current practice.

T. Turner made a motion to accept the suggestion. D. Howland provided the second. The vote was 9 in favor, zero opposed, and 3 abstentions.

A. Krisiloff will make the changes, re-ballot the manuscript to the entire ASC OP committee, and work with ANSI to reschedule the publication as OP1.002-2017.

New Business

Report on surface inspection equipment.

Savvy Optics sold 9 Savvy Inspectors in 2016. The manual version can inspect up to 400 x 400 mm regions. A new motorized version can inspect up to 100 x 100 mm regions.

Argo, a German company, is selling an automated system for ISO 10110-7 specifications.

Red Lake, a British company, is selling an instrument that is very similar to the manual Savvy Inspector.

A Chinese company produces a system that can manually inspect up to 300 x 300 mm.

Comparison Standards

FLIR no longer makes comparison standards. Davidson is turning into a Trioptics reseller, and may stop making its comparison standards.

C. Gaugh is looking into the possibility of buying Davidson's comparison standards business.

Gage-Line is selling a nice line of iron oxide reticles. The scales and artifacts are arrayed around an unobstructed central region to provide a clear view of the subject under study.

Next meeting

M. Dowell moved that the committee meet next at Photonics West 2018.

D. Howland provided the 2nd. The motion passed unanimously.

Meeting Adjourned at 14:42

M. Dowell moved. D. Aikens provided the 2nd. The motion passed unanimously.