Action Items from 6-13-2010 Meeting

Op1.004: Minor changes agreed:

1. Use a and c (eg a(2,0), a02 and c(2,0), c02) for edge normalized and orthonormal Zernike polynomial coefficients respectively (C. Evans)
2. Provide flow chart to G. Kohlenberg as GIF (C. Evans) for inclusion as Appendix; add reference to new appendix in body text (C. Evans)
3. Move rescale before fit to appropriate polynomials in flow chart and incorporate minor changes discussed at the meeting(C. Evans)
4. Define default projection (to a base plane) (C. Evans)
5. State “best fit asphere per print” (C. Evans)
6. Define default removal of best fit sphere from aspherics (C. Evans)
7. Correct note to 4.6.3 (C. Evans)
8. Correct 4.5.4 (C. Evans)
9. Provide specific equations for slope X and slope Y and eliminate confusing use of J (C. Evans)
10. Update notation section per D. Aikens e-mail (C. Evans)
11. Review corrections suggestions by R. Williamson and incorporate changes as needed(C. Evans)
12. Review corrections suggestions by D. Aikens to notation section and incorporate changes as needed(C. Evans)
13. On completion of items 1-12, revised document to TF3 ballot (C. Evans/ G. Kohlenberg)

TF3 OP1.005 Action Items from 6/13/2010 meeting

1. Need separate Glossary of Terms. (P.Takacs)
2. Change Table of Contents to 2-level. (P. Takacs)
3. Cross check this document with ISO 10110-8 to make sure notations agree and no contradictions exist. (D. Aikens)
4. Check Sec. 4 slope notation for consistency. Decide on symbol for slope: Δ or M or something else. Need to coordinate with TC213 Surface Texture nomenclature if possible. (P. Takacs, D. Aikens)
5. Add a section 5.X to discuss instrument transfer function effects as possible problems in interpreting measurement results between instruments. (P. Takacs, P. Murphy)
6. Add section on how to deal with statistics of non-isotropic surfaces, i.e. surfaces with a definite “lay” direction.
7. Investigate possible problems with the hard-edge frequency filters to see if they create problems in inverse transformations of filtered profiles. (P. Murphy, P. Takacs)