

ANSI/OEOSC TAG to TC172/SC7 Annual Report for 2012

January 19, 2013

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Number of Meetings Held during 2012: 3

- TC172 SC7 Plenary Meeting - Milan, Italy in March 2012
- WG3 – Spectacle lenses – project groups met in Clearwater, Florida in December, 2012
- WG9 – Contact lenses - met in London, UK in December, 2012

Number of Meetings Scheduled for 2013: 1

- TC172 SC7 Plenary Meeting – Berlin, Germany in October 2013

List any significant accomplishments for ANSI/OEOSC TAG/SC7 this year.

- NWIP (New Work Item Proposals) - 14
 - WG2 - 1
 - WG3 - 4
 - WG6 - 3
 - WG7 - 2
 - WG9 - 4
- CD (Committee Drafts) - 6
 - WG6 - 2
 - WG7 - 3
 - WG9 - 1
- DIS (Draft International Standards) - 12
 - WG3 - 1
 - WG6 - 2
 - WG7 - 5
 - WG8 - 2
 - WG9 - 1
 - WG10 - 1
- FDIS (Final Draft International Standards) - 12
 - WG2 - 2
 - WG3 - 1
 - WG6 - 3
 - WG7 - 2
 - WG8 - 2
 - WG9 - 1
 - WG10 - 1
- Systematic review - 8
 - WG3 - 4
 - WG6 - 2
 - WG7 - 1

- WG9 - 1
- TR (Technical Reports) - 2
 - WG2 - 1
 - WG10/WG3 - 1

Highlights and overview of WG work within SC7

WG1 – Terminology - This group did not meet in 2012.

WG2 – Spectacle frames

- Worked proceeded internationally on NWIP ISO8624:2011 Ophthalmic optics – Spectacle frames - Measuring system and terminology
- The group voted to approve ISO/DTS 24348 – Ophthalmic optics – Spectacle frames, for the work regarding nickel release from frames.
- The group through its liaison reviewed and contributed to ISO/FDIS4007 Personal protective equipment – Eye and face protection – Vocabulary. This liaison document was made in conjunction with ISO TC94/SC6, and begun in 2007.

WG3 – Spectacle lenses

- The systematic review of International Standards; ISO 21987:2009, IS 16034:2002, ISO 8980-1,2:2004
- Multiple NWIP proposals for Transmission specifications and test methods, specifications for single-vision and multifocal lens blanks, as well as ISO 13666 Vocabulary, and ISO 14889: Spectacle lenses - Fundamental requirements for uncut finished.
- Experts from this group contributing to the ANSI position on the TR for Free Form.

WG6 - Ophthalmic instruments and test methods –

- The active work in Working Group 6 is on the revision of ISO 10938 – which now includes not only visual acuity chart projectors but other more modern methods of visual acuity testing plus an annex on correlating optotypes to the standard optotype
- Multiple NWIP were begun in 2012 including the topics of Minimal Legible Font, and Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery.

WG7 – Ophthalmic implants

- The working group continues efforts on the revision of various parts of the International Standard for intraocular lenses with the view of incorporating requirements for multifocal intraocular lenses and accommodating intraocular lenses – types of intraocular lenses that the current standard does not cover.

- Based on reported problems with endotoxins that inadvertently made their way in some IV fluids and subsequently caused some eye inflammation following their use in ophthalmic surgery, this issue continues to be under review by the working group.
- Topics include Shelf Life and Transport stability.

WG8 – Data Interchange

- The last of the three part standard for an electronic catalog for spectacle frames and their identification was presented for vote as an FDIS this last year. This work has been done as a joint effort with WG2.

WG9 – Contact Lenses

- There were 4 NWIP within WG9 for the year 2012. The topics include Contact Lens Care products – shelf life, cytotoxicity, labeling, and a method to assess contact lens care products with contact lenses in a lens case challenged with bacterial and fungal organisms.
- Of particular note is the work related to ocular infections involving the acanthamoeba organism, much work has been devoted to devising an appropriate method of assessing the ability of various contact care solutions to provide protection against this disorder.
- Also associated with these points above was the continued work on ISO 11980 which deals with guidance for clinical investigations

WG10 - Devices for dioptric power measurement of lenses

- The primary work of WG10 remains the revision of ISO 8598 – Focimeters.
- Due to the efforts of this group the FDIS 8598-1 ballot was defeated and the document will likely be returned to Committee for further work
- This group has also contributed to the recent technical Report group “TR Freeform lenses technology and measurement.”

List any problems encountered by the ANSI/OEOSC TAG/SC 5 during the year:

Personnel change has occurred during 2012, SC7 experienced turnover in the assistant TAG leader to TC172/SC7 – Ophthalmic Optics, as Charlie Campbell was replaced in this volunteer position by Jeff Endres.