

OEOSC ISO/TC172 SC1 WG4 TF5 Aspherics Teleconference

Prepared by:

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11:00-12:00 EDT (UTC -4)**

Welcome to this task force dedicated to all things related to aspheres and standards

Open to all members, everyone is welcome

Who is on the call?

Please e-mail Rich at ryoungworth@lightcaptureinc.com if you have not done so for an accurate listing of who is present

The main portion of this teleconference are the start of key discussions for the activity

Goals and TF5 Charter (~10 minutes)

Aspheres in Standards (~10 minutes)

Current Formalisms (~10 minutes)

Known Meetings and Activities (~10 minutes)

What should the goals and overall charter be for TF5?

Upon commissioning of TF5, our first directive is to set our agenda

Currently no voting

Overall goal to facilitate optimal decisions for standards

Ideas:

- Advisory to standards voting groups in OEOSC and international groups under ISO**
- Dissemination of information pertinent to standards**

TF5 should have an “open” feel to it to best serve the community

Where in standards are aspheres relevant?

Clearly one key task is to track where aspheres are relevant in standards

Are aspheres missing in any parts?

New sections

- “Freeform Activity” ISO going to vote currently (N 657)
TF5 should provide an expert

Existing sections under maintenance

- ISO10110-12 on aspheres
- ISO 10110-8 on waviness and texture, has relevance

Other sections or activities?

Need a leader to summarize and track this question

What formalisms currently exist?

Currently widely used and proposed formalisms

Include under development and research

Global and local formalisms both should be covered

Specifically note germane use in fabrication

What is currently in standards

Need a leader to summarize and track this question

Known meetings and activities of relevance

One key to this work is to be aware of what is happening in research, development, and production

Activities at the standards levels

General community activity

**Conference papers – SPIE O and P, European Opt. Design
Special meetings – ASPE Freeform, OSA Incubator**

Need a leader to summarize and track this question

Final parts of the teleconference

Action items will be formed and distributed with notes

**Any extra input welcome until 12 August 2011
(Rich Youngworth, ryoungworth@lightcaptureinc.com)**

R. Youngworth will publish meeting notes by 16 August 2011

Next meeting? Teleconference preferred (input please)?

Adjourn and thanks for your input