

Attachments Optical Properties Task Group Minutes

Thursday, February 25, 2010

4:00 P.M. – 5:00 P.M. EST

Chair: Thomas Morrissey - Hunter Douglas, Inc.

Participants:

Tom Morrissey (Chair), Ray McGowan (Staff), Mike Rubin, John Gant, William du Pont, Rich Watkins, Robert Simons, Ross McCluney, John Lewis, Mudit Saxena, Don Smallwood, Sanjiv Malkin, Mike Cienian, Philippe Paugois

1. Call to Order:

Chair called meeting to order at 4:05 P.M. and conducted a roll call. Anti-trust reminder was given.

2. Review and Approve Agenda:

I. Review previous meeting notes

II. Review attached Gantt Chart for objectives and timeline

III. Update from standards work group

IV. Discuss spring conference preparations

V. Open discussion – on daylighting - with MUDIT SAXENA, Sr. Project Manager, Heschong Mahone Group, Inc.

3. Discussion:

Tom Morrissey reviewed the notes from our last meeting and outlined new details on the Gantt Chart listing activities leading up to the spring conference.

Based on past discussions we reviewed again the options for dealing with cellular fabrics not available in flat samples. Mike Rubin determined he would have a new metal template turned into a single piece version for export to the group. The old version was a collection of pieces that you trace on the outside. He had to add a bit more border, approximately the width of a knife blade, so the inside trace would come out the same as the outside trace type. The LBNL shop can turn them out quickly, so an updated list of names and addresses is required. Mike offered a more detailed report will follow. He also stated the flat materials submitted to him previously were being worked on as time and resources allowed. A suggestion to use students for some of the redundant work was revisited.

The group shifted to an open discussion on the recently formed standards work group. Rob Simons outlined his intent to begin a regular meeting schedule. We realize our reliance on LBNL, and specifically Mike Rubin, for technical and scientific guidance in many areas but specifically in this initiative. Dr. Ross McCluney and Willie DuPont both offered their

interactions to keep the work group dynamic. The initial meeting is set for Friday, 5MAR10.

Rob proposes to focus on developing an NFRC standard that utilizes an existing national or international standard as it's basis, but incorporates what ever level of detail is required to create a useful testing standard. If that means we have to include detailed test procedures, fixture drawings and additional calculations then so be it. We will create in this NFRC standard what the existing standards probably should include and then leave it to those standard bodies (ASTM, ISO, or who ever) to take the initiative to update their standards.

We can always remove details from the NFRC standard as those are incorporated into a formal national/international standard. Right now we need to get a usable test standard for our NFRC membership that coincides with an existing standard as much as is practical. The current version of E903-96 will suffice as a starting/reference point and with the help of Mike and LBNL we should be able to incorporate sections into an NFRC 300A document that will provide any additional specifics about generating optical data at normal incidence and non-normal angles of incidence.

4. New Business:

Teresa Williamson, Senior Manager R&D, from Newell Window Fashions, was introduced to the group and discussed her new responsibilities as Chair, Cellular Shade Simulation Work Group. This work group was formed approximately one year ago directly under the Interior/Exterior Attachments Task Group. The scope of their work was to help cellular shade manufacturers better understand the needs of LBNL as they expand the Window 6 simulation program. Mike Cienian recommended this work group be absorbed under the OPTG given many parallel activities and discussions. This should make all of us more efficient and prevent redundant actions.

Mudit Saxena , Sr. Project Manager, Heschong Mahone Group, Inc. introduced himself and discussed the various projects he is involved in related to daylighting. He feels his experience can be used within our group and he has a specific interest in our future work with horizontal window blinds once we finish our current focus on fabric attachments.

We then discussed options for conference calls leading up to the spring conference. Morrissey proposed one more call in March culminating with a segment during the Interior/Exterior Attachments meeting in April.

5. Adjourn Meeting:

Meeting ended at approximately 5:10 P.M. It was proposed the group meet on a conference call mid-to-late March 2010. Conference calls need to be in the late afternoon EST to work more conveniently for west coast participants.