

Korea FPD Metrology Committee Meeting Minutes

Thursday, 14 June, 2012
#4005 Trade Tower, SEMI Korea Office, Seoul, Korea

Next Committee Meeting

Friday October 12, 2012, 14:00-17:00 <KST>
SEMI Korea office, Seoul, Korea

Committee Announcements

Don-Gyou Lee appointed as another OLED Subcommittee co-leader
4571F (New Standard: Test Method of PDP Tone and Color Reproduction) postpone the ballot adjudication due to author's absence.

Table 1 Meeting Attendees

Co-Chairs: None.

SEMI Staff: Natalie Shim

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
KILT	Jeon	SangKyoo	LG Display	Lee	Don-Gyou
KILT (Via teleconference)	Cho	Mee-ryoung	LG Display	Lim	KyongHo
KILT (Guest)	Kim	Jake			

Table 2 Leadership Changes

Don-Gyou Lee is appointed as OLED Sub-committee co-leader

Table 3 Ballot Results

Passed ballots and line items will be submitted to the ISC Audit & Review Subcommittee for procedural review.

Failed ballots and line items were returned to the originating task forces for re-work and re-balloting.

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
4313C	New Standard: Test Method for Backlight Units Reliability	Failed and rework
5379A	Revision to D36-0306, Terminology for LCD Backlight Unit	Failed and rework

Table 4 Authorized Ballots

<i>#</i>	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
4313D	Cycle 5	Backlight Unit TF	New Standard: Test Method of Backlight Units Reliability
5379B	Cycle 5	Backlight Unit TF	Revision to SEMI D36, Terminology for LCD Backlight Unit

Table 5 Authorized Activities

None

Table 6 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
2012JUN-01	Natalie Shim	Since current OLED SC leader has not been attending committee meeting over two years, Contact the leaser, Choong Hoon Lee and check his plan as a OLED SC leader.
2012JUN-02	Natalie Shim	Update the current organization chart on semi website.

Table 7 Previous Meeting Actions Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>	<i>Status</i>
2012MAR-07	Natalie Shim	Check the membership status of Sangkyoo Jeon and Jongseo Lee since they have a problem on receiving e-mail service from SEMI	Completed

1 Welcome, Reminders, and Introductions

Since co-chairs delegated their authority to Don-Gyou Lee for this meeting, he called the meeting to order at 14:00 PM. The SEMI meeting reminders on membership requirements, antitrust, patentable technology, and meeting guidelines were then presented and explained.

Attachment: 01, SEMI Standards Required Meeting Elements

2 Review of Previous Meeting Minutes

The committee reviewed the minutes of March 07, 2012.

Motion: Approved the previous minutes with editorial changes.

By / 2nd: SangGyoo Jeon (KILT)/ KyongHo Lim (LG Display)

Discussion: None.

Vote: 2-0, Motion carried

Attachment: 02, previous meeting minutes

3 Liaison Reports

3.1 Japan FPD Metrology Committee

Natalie Shim (SEMI) gave the Japan FPD Metrology Committee liaison report. Of note:

- No leadership change and no ballot adjudication
- Task Force Updates
 - D31 Revision task force
 - Keizou Ochi (Konica Minolta Optics) was appointed as new co-leader.
 - Drafting Doc.4913A and to be balloted in one of 2 half year's cycles.
- The committee reviewed Doc.5291 in cycle 2 (Test Method of Ambient Color Gamut for FPD under indoor environments) and this ballot officially adjudicated by Taiwan FPD committee on March 28, 2012.
- Next committee meeting is scheduled on November 2, 2012 at SEMI Japan office. It will be a joint meeting with Japan FPD Materials & Components committee.

Attachment: 03, Japan FPD Metrology Committee liaison report

3.2 Japan Materials and Component Committee

Natalie Shim reported the liaison report of Japan Materials and Component committee. Of note:

- No leadership change and no ballot adjudication
- Task Force Updates
 - Polarizing Film Task Force
 - Drafting Doc.5425 (Revision to D46, Terminology for FPD Polarizing Films)

- Flexible Display Task Force
 - Discussing new standard item (no details were reported). The SNARF will be submitted at the next meeting.
- Others
 - Doc.5425 (Revision to D46, Terminology for FPD Polarizing Films) was approved as cycle 4 ballot
 - 2 reapproval documents were published in April publication cycle
 - Doc.5239 (Reapproval of D19, Test Method for the Determination of Chemical Resistance of Flat Panel Display Color Filters)
 - Doc. 5240 (Reapproval of D45, Measurement Methods for Resistance of Resin Black Matrix with High Resistance for FPD Color Filter)
- **Attachment:**04, Japan M+C Committee liaison report

3.3 Taiwan FPD Committee

Natalie Shim reported the Taiwan FPD Committee liaison report. Of note:

- New Activity
 - New SNARFs
 - Untitled, New Standard, Test Methods for Color Properties of Electronic Paper Displays
- Ballot Plan for Cycle 5, 2012
 - Doc.4764B (Active glasses FPD –based stereoscopic display test method)
 - Doc.4765A (Test method of FPD –based stereoscopic display with passive glasses)
 - Doc.5291A (Test method of ambient color gamut for FPD in indoor environments)
- Task Force Updates
 - ACG Task Force
 - Drafting Doc.5291A, ambient color gamut for FPD under indoor environment
 - 3D Display Gray-to-Gary Cross-Talk Task Force
 - Drafting Doc.5292, Gray-to-Gray Cross-Talk test method for FPD based stereoscopic display
 - Touch Screen Panel Task Force
 - Drafting Doc.5293, Touchscreen panel positional accuracy test method
 - 3D Display Metrology Task Force
 - Drafting Doc.4765, Passive glasses test methods for FPD-based stereoscopic display and Doc.4764B, Test method of FPD –based stereoscopic display with active glasses.
 - E-paper Display Task Force
 - New SNARF (e-paper display color properties test method) was submitted and approved by the committee
- Next committee meeting is scheduled on Aug 10, 2012 at ITRI (TBD) Taiwan.

Attachment: 05, Taiwan FPD Committee liaison report

3.4 SEMI Staff Report

Natalie Shim gave the SEMI Staff Report. Of note:

- 2012 Global Event Schedule
 - Intersolar Europe (June 13-15, Munich, Germany)
 - SEMICON West and Intersolar North America (July 10-12, San Francisco, CA)
 - SOLARCON India (September 3-5, Bangalore)
 - SEMICON Taiwan (September 5-7, Taipei)
 - SEMICON Europa (October 9-11, Dresden)
 - SEMICON Japan/ PV Japan (December 3-5, Chiba)
- 2012 Critical Dates
 - Cycle 5: Document Submission due July 27/ August 10 – September 11
 - Cycle 6: Document Submission due August 29/ September 12 – October 12
 - Cycle 7: Document Submission due October 09/ October 22 – November 21
 - 2012 Technical Ballot Critical Dates now available at the SEMI website:
(http://www.semi.org/en/Standards/P_000788)
- March 2012 Publication Cycle
 - New Standards – 2, Revised Standards – 41, Reapproval Standards – 32, Withdrawals –5, Total in portfolio – 843 (includes 76 Inactive Standards)

Attachment: 06, SEMI Staff report

4 Ballot Review

Passed ballots and line items will be submitted to the ISC Audit & Review Subcommittee for procedural review.

Failed ballots and line items were returned to the originating task forces for re-work and re-balloting.

NOTE 1: Committee adjudication on Cycle 1 ballots are detailed in the Audits & Reviews (A&R) Subcommittee Forms for procedural review. These A&R forms are available as attachments to these minutes. The attachment number for each document is provided below in summary tables.

4.1 Cycle 3-2012

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
4571G	New Standard: Test Method of PDP Tone and Color Reproduction	Postpone the adjudication
4313C	New Standard: Test Method for Backlight Units Reliability	Failed and rework
5379A	Revision to D36-0306, Terminology for LCD Backlight Unit	Failed and rework

Attachment: 07, 4313C review result

08, 5379A review result

5 Subcommittee & Task Force Reports

5.1 Backlight Unit Task Force

Each document authors reported cycle 3 ballot results and reviewed the negatives. It is verbally reported so no written report.

- Ballot review result:
 - 4313D (BLU Reliability measurement method) and 5379A (D36 Revision) in cycle 3-12 reject comments were reviewed and decided to fail the documents to reflect them.
 - 4571G adjudication has been postponed because the author couldn't attend the meeting.

5.2 Tone and Color Task Force

No update

5.3 Optical Characteristic measurement Task Force

No update

5.4 Others

As the OLED industry is getting bigger, Don-Gyou Lee said that participating on OLED standardization activities is very important. So he volunteered as an OLED SC co-leader by himself and other members supported him. He will propose new OLED standards at the next committee meeting.

6 Old Business

- None.

7 New Business

7.1 Ballot Authorization

Motion: Approve 4313D and 5379B in Cycle 5-12
By / 2nd: SangKyo Jeon (KILT)/ HyongHo Lim (LGD)
Discussion: Done.
Vote: 2-0, Motion carried.

8 Action Item Review

8.1 *Open Action Items*

None

8.2 *New Action Items*

Natalie Shim (SEMI) reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

9 Next Meeting and Adjournment

The next meeting of the Korea FPD Metrology committee is scheduled for Friday 12 October, 2012 at SEMI Korea office, Seoul, Korea





Respectfully submitted by:
Natalie Shim
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SEMI Korea
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Minutes approved by:

JongSeo Lee (Samsung Electronics), Co-chair	<Date approved>
Il-Ho Kim (LMS), Co-chair	<Date approved>

Table 8 Index of Available Attachments #1

#	<i>Title</i>	#	<i>Title</i>
01	SEMI Standards Required Meeting Elements	02	Previous meeting minutes
03	Japan FPD Metrology Committee liaison report	04	Japan FPD M+C Committee liaison report
05	Taiwan FPD Committee liaison report	06	SEMI Staff report
07	4313C Ballot review result	08	5379A Ballot review result

#1 Due to file size and delivery issues, attachments must be downloaded separately. A .zip file containing all attachments for these minutes is available at www.semi.org. For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.