

## Korea FPD Metrology Committee Meeting Summary and Minutes

Thursday, November 7, 2013 15:00 – 17:00  
Samsung Electronics, Giheung Site, Yong-In-si, Gyeonggi-do, Korea

### Next Committee Meeting

Friday, February 14, 15:00 – 17:00 <KST>  
Coex, Seoul, Korea

### Committee Announcements

None

### Table 1 Meeting Attendees

**Co-Chairs:** Jongseo Lee (Samsung Display), Il-Ho Kim (LMS)

**SEMI Staff:** Natalie Shim

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
LG Electronics	Lee	Myongyoung	Samsung Display	Lee	Jongseo
LG Electronics	Kang	Kyungjin	Samsung Display	Chong	Jongho

### Table 2 Leadership Changes

None

### 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>
4571J	New Standard, Test Method of PDP Tone and Color Reproduction	<b>Passed</b> with editorial changes.

### Table 4 Authorized Ballots

<i>#</i>	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
5633	Cycle 8, 2013	Perceptual Viewing Angel	New Standard: Test Method for Viewing Angle Characteristic using Mixed Color on Visual Displays
5634	Cycle 8, 2013	Perceptual Image Quality	New Standard: Test Method for Color Reproduction and Perceptual Contrast of Visual Display

### Table 5 Authorized Activities

None

### Table 6 New Action Items

None

### Table 7 Previous Meeting Actions Items

None

## 1 Welcome, Reminders, and Introductions

Jongseo Lee (Samsung Display) called the meeting to order at 15:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment:** 01, Meeting reminders

## 2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting.

**Motion:** Approve previous meeting minutes as it is

**By / 2<sup>nd</sup>:** Myongyoung Lee (LG Electronics)/ Kyungjin Kang (LG Electronics)

**Discussion:** None

**Vote:** 3-0, motion carried

**Attachment:** 02, previous meeting minutes

## 3 Liaison Reports

### 3.1 Japan FPD Metrology Committee

Natalie Shim (SEMI Korea) reported for the Japan FPD Metrology Committee. Of note:

- New Activity
  - SNARF XXXX, Line Item Revision to SEMI D31-0213, with title change from “Definition of Measurement Index (DSEMU) for Luminance Mura in FPD Image Quality Inspection” to “Guide for Definition of Measurement Index (DSEMU) for Luminance Mura in FPD Image Quality Inspection”.
- Upcoming Ballot to be reviewed at the next Japan FPD Metrology meeting
  - Doc. XXXX, Line Item Revision to SEMI D31-0213 on cycle 1, 2014.
- Next Meeting: April 18, 2014 at SEMI Japan, Tokyo, Japan (Tentative)

**Attachment:** 03, Japan FPD Metrology committee liaison report

### 3.2 Taiwan FPD Committee

Natalie Shim reported for the Taiwan FPD Committee. Of note:

- Upcoming ballots to be reviewed at the next Taiwan FPD meeting
  - Doc.5533, Test methods for color properties of electronic paper displays
- Flexible TF finalized 2 standardization topics for future work; one is related to mechanical and the other is shocking test.
- Next Meetings:
  - December, 13, 2013, Room 223, Building 16, 321, Sec. 2, Kuang Fu Rd., Hsinchu, Taiwan
  - December, 27, 2013, CMS/ITRI, Hsinchu, Taiwan

**Attachment:** 04, Taiwan FPD committee liaison report

### 3.3 SEMI Staff Report

Natalie Shim gave the SEMI Staff Report. Of note:

- Global Calendar of Events (2013-2014)
  - SEMICON Japan (December 4-6, 2013, Chiba)
  - European 3D TSV Summit (January 21-22, 2013, Grenoble)
  - SEMICON Korea/ LED Korea (February 12-14, 2013, Seoul)
  - SEMICON China (March 18-20, 2014, Shanghai)
  - SEMICON Singapore (April 23-25, 2014, Marina Bay Sands)
  - SEMICON West (July 8-10, 2014, San Francisco)
- Critical Dates update
  - [the last 2013 cycle] Cycle 8 (Ballot submission by October 16, voting period: October 23 – November 22)
  - 2014 Critical dates is introduced. It also can be found at semi website ([www.semi.org/en/Standards/P\\_000788](http://www.semi.org/en/Standards/P_000788))
- SEMI Standards Publications (September 2013 cycle)
  - New Standards: 3
  - Revised Standards: 2
  - Reapproved Standards: 6
  - Withdrawn Standards: 0
  - Total SEMI Standards in portfolio: 892 (Includes 98 Inactive Standards)
- Upcoming Korea Winter meetings will be held during February 12 – 14 at Seoul, in conjunction with SEMICON Korea 2014.

**Attachment:** 05, 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 6 is detailed in the Audits & Reviews (A&R) Subcommittee Forms for procedural review. This A&R form is available as attachments to these minutes. The attachment number for each document is provided below the summary table.

##### 4.1 Cycle 6 Ballot

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
4571J	New Standard, Test Method of PDP Tone and Color Reproduction	<b>Passed</b> with editorial changes.

**Attachment:** 06, 4571J A&R Report

**NOTICE:** This document met the 90% approval condition set forth in Section 9.6.3 of the *Regulations Governing SEMI Standards Committees* at the close of balloting.

**NOTICE:** This document did NOT meet the 90% approval condition set forth in Section 9.6.3 of the *Regulations Governing SEMI Standards Committees* at the close of balloting.

## 5 Subcommittee & Task Force Reports

### 5.1 Tone and Color Task Force

Kyungjin Kang, The task force leader, reported 4571J ballot result.

**Attachment:** 07, Tone & Color TF report\_4571J Reject review

### 5.2 Perceptual Viewing Angle Task Force

Myoungyoung Lee, The task force leader, introduced Doc. 5633, Viewing angle characteristic test method by missed color which is submitted to cycle 8, 2013. No official report was made.

**Motion:** Authorize the Doc. 5633 for cycle 8, 2013

**By / 2<sup>nd</sup>:** Jongho Chong (Samsung Display)/ Myoungyoung Lee (LG Electronics)

**Discussion:** None

**Vote:** 3-0, motion carried

### 5.3 Perceptual Image Quality Task Force

Jongho Chong, The task force leader, introduced Doc. 5634, Color reproduction and perceptual contrast test method which is submitted to cycle 8, 2013. No official report was made.

**Motion:** Authorize the Doc. 5634 for cycle 8, 2013

**By / 2<sup>nd</sup>:** Jongho Chong (Samsung Display)/ Myoungyoung Lee (LG Electronics)

**Discussion:** None

**Vote:** 3-0, motion carried

### 5.4 Transparent Display Task Force

Jongseo Lee said that he is drafting Doc 5337 and it will be introduced to the committee by the next meeting. No official report was made.

## 6 Old Business

None

## 7 New Business

None

## 8 Action Item Review

None

## 9 Next Meeting and Adjournment

The next meeting of the Korea FPD Metrology chapter is scheduled for Friday, February 14, 2014 in conjunction with SEMICON Korea 2014 in Seoul, Korea.

Respectfully submitted by:  
 Natalie Shim  
 Sr. Specialist, Standards  
 SEMI Korea  
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 Email: eshim@semi.org

Minutes approved by:

Jongseo Lee (Samsung Display), 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	Meeting reminders	05	SEMI Staff report
02	previous meeting minutes	06	4571J A&R Report
03	Japan FPD Metrology committee liaison report	07	Tone & Color TF report_4571J Reject review
04	Taiwan FPD committee liaison report		

#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](http://www.semi.org). For additional information or to obtain individual attachments, please contact Natalie Shim at the contact information above.