

## Korea FPD Metrology Committee Meeting Summary and Minutes

Friday, Feb 6, 2015 14:00 – 16:00  
SEMI Korea office, Seoul, Korea

### Next Committee Meeting

Friday May 29, 2015 14:00 – 16:00 <KST>  
SEMI Korea office, Seoul, Korea

### Committee Announcements

5634A failed A&R review and returned to the TF for rework

### 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>
KETI	Lee	Chanjae	Samsung Display	Chong	Jongho
LMS	Kim	Il-Ho	Samsung Display	Lee	Jongseo
LG Display	Kim	Jaehong			

### Table 2 Leadership Changes

None

### Table 3 Ballot Results

None

### Table 4 Authorized Ballots

#	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
5633C	Cycle 3, 2015	Perceptual Viewing Angel TF	New Standard, Test Method for Viewing Angle Characteristic using Mixed Color on Visual Displays
5634B	Cycle 3, 2015	Perceptual Image Quality	New Standard, Test Method for Color Reproduction and Perceptual Contrast of Displays
5337	Cycle 4, 2015	Transparent Display	New Standard: Test Method for Optical Characteristics of Transparent 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 14:00. 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>:** Jongho Chong (Samsung Display)/ Jaehong Kim (LG Display)

**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:

- D31 Revision task force
  - Doc. 5685, Line Item Revision to SEMI D31-0213, Guide for Definition of Measurement Index (DSEMU) for Luminance Mura in FPD Image Quality Inspection published in September 2014.
  - The task force will discuss new business if any.
- Next Meeting: April 10, 2015 during Japan Standards Spring 2014 Meetings at SEMI Japan, Tokyo, Japan (It will be a joint meeting with FPD Materials & Components Japan TC Chapter)

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

### 3.2 Taiwan FPD Committee

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

- Two standards were published
  - Doc.5533A to D72-1014 (Test Methods for Color Properties of Electronic Paper Displays)
  - Doc.5293C to D73-1014 (Test Method for Positional Accuracy of Touch Screen Panel)
- Task force reports
  - Flexible Display task force is coordinating with Japan Flexible Display Task Force for;
    - Test Methods of Gas Barrier Performance for Flexible Display Devices
    - Doc. 5551, New Standard, Measurement Method for Water Vapor Transmission Rate for Plastic Films and Sheets with High Barrier Properties for Electronic Devices
- Next Meetings:
  - TBD (Pending due to SNARF and ballot development status).

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

### 3.3 SEMI Staff Report

Natalie Shim gave the SEMI Staff Report. The key items were as follows:

- Global 2015 Calendar of Events
  - Industry Strategy Symposium (January 11-14, 2015, Half Moon Bay, California)
  - SEMICON Korea/ LED Korea (February 4-6, 2015, Seoul)
  - SEMICON China/ FPD China (March 17-19, 2015, Shanghai)
  - LED Taiwan (March 25-28, 2015, Taipei)
  - SEMICON Southeast Asia (April 22-24, 2015, Penang, Malaysia)
  - SEMICON West (July 14-16, 2015, San Francisco, California)
  - SEMICON Taiwan (September 2-4, 2015, Taipei)
  - SEMICON Europa (October 6-8, 2015, Dresden, Germany)
  - SEMICON Japan (December 16-18, 2015, Tokyo)
- Critical Dates update
  - 2015 Critical dates including newly created cycle 9 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 Report
  - November 2014 cycle
    - New Standards - 1, Revised Standards - 4, Reapproval Standards - 1, Withdrawn Standards -0
  - December 2014 cycle
    - New Standards - 3, Revised Standards - 4, Reapproval Standards - 3, Withdrawn Standards -0
    - Total SEMI Standards in portfolio: 921 including 110 Inactive Standards
- SEMI Regulations and Procedure Guide updates were made.
  - Standards document development project period
  - SNARF review period
  - Official virtual meeting
  - GCS voting on minority reports
  - Voting interest definition improvement
  - TC chapter formation procedures

**Attachment:** 05, SEMI Staff report

## 4 Ballot Review

4.1 No ballot was submitted for committee adjudication.

## 5 Subcommittee & Task Force Reports

### 5.1 Perceptual Viewing Angle Task Force

Myoungyoung Lee, The task force leader, requested Doc. 5633C ballot authorization in cycle 3 via SEMI. No official report was made.

**Motion:** Authorize Doc. 5633C in cycle 3, 2015  
**By / 2<sup>nd</sup>:** Jongho Chong (Samsung Display)/ Il-Ho Kim (LMS)  
**Discussion:** None  
**Vote:** 4-0, motion carried

### 5.2 Perceptual Image Quality Task Force

Jongho Chong, The task force leader, reported that Doc. 5634A failed in A&R review process in November 11 of 2014. He shared his rework status with committee members and requested Doc 5634B in cycle 3, 2015.

**Motion:** Authorize Doc. 5634B in cycle 3, 2015  
**By / 2<sup>nd</sup>:** Jongho Chong (Samsung Display)/ Il-Ho Kim (LMS)  
**Discussion:** None  
**Vote:** 4-0, motion carried

### 5.3 Transparent Display Task Force

Jongseo Lee, the task force leader, requested Doc. 5337 ballot in cycle 4, 2015.

**Motion:** Authorize the Doc. 5337 for cycle 4, 2015  
**By / 2<sup>nd</sup>:** Jongho Chong (Samsung Display)/ Chanjae Lee (KETI)  
**Discussion:** None  
**Vote:** 4-0, motion carried

## 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, May 29, 2015 at SEMI Korea office, Seoul, Korea

Respectfully submitted by:  
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 SEMI Korea  
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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	04	Taiwan FPD committee liaison report
02	previous meeting minutes	05	SEMI Staff report
03	Japan FPD Metrology 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.