

## Korea FPD Metrology Committee Meeting Minutes

Friday, 12 October, 2012  
#4005 Trade Tower, SEMI Korea Office, Seoul, Korea

### Next Committee Meeting

Friday February 1, 2013, 14:00-16:00 <KST>  
SEMI Korea office, Seoul, Korea

### Committee Announcements

None

### Table 1 Meeting Attendees

**Co-Chairs:** JongSeo Lee (Samsung Display)

**SEMI Staff:** Natalie Shim

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Samsung Display	Lee	JongSeo	LG Display	Lim	KyongHo
LG Display	Lee	Don-Gyou			

### Table 2 Leadership Changes

None

### Table 3 Ballot Results

None

### Table 4 Authorized Ballots

#	When	SC/TF/WG	Details
4313D	Cycle 7	Backlight Unit TF	New Standard: Test Method of Backlight Units Reliability
5379B	Cycle 7	Backlight Unit TF	Revision to SEMI D36-0306, Terminology for LCD Backlight Unit

### Table 5 Authorized Activities

None

### Table 6 New Action Items

Item #	Assigned to	Details
2012OCT-01	Natalie Shim	Arrange LCD SC meeting to review cycle 7 result before December 15
2012OCT-02	Natalie Shim	Check PDP SC future plan to SC leader, Sekwang Park
2012OCT-03	Natalie Shim	Draft Organization chart as follow members' request. The draft should be reviewed at the next committee meeting

### Table 7 Previous Meeting Actions Items

Item #	Assigned to	Details	Status
2012JUN-01	Natalie Shim	Since current OLED SC leader has not been attending committee meeting over two years, Contact the leader, Choong Hoon Lee and check his plan as a OLED SC leader.	Choong Hoon Lee responded to SEMI that he would like to retire OLED SC leader and committee noticed it.

**Table 7 Previous Meeting Actions Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>	<i>Status</i>
2012JUN-02	Natalie Shim	Update the current organization chart on semi website.	Natalie Shim updated current organization chart with latest information

### 1 Welcome, Reminders, and Introductions

JongSeo Lee called the meeting to order at 15:00 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 June 14, 2012.

**Motion:** Approved the previous minutes as written

**By / 2<sup>nd</sup>:** Don Gyou Lee (LG Display)/ 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
- Meeting Information
  - Last Meeting: April 27, 2012 at SEMI Japan, Tokyo, Japan
  - Next Meeting: November 2, 2012 at SEMI Japan Tokyo, Japan
- Task Force Updates
  - D31 Revision task force
    - Drafting Doc.4913A (Revision to D31-1102, Definition of Measurement Index (SEMU) for Luminance Mura in FPD Image Quality Inspection) and to be balloted at cycle 6. The result will be reviewed on November 2.

**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
- Meeting Information
  - Last Meeting: April 27, 2012 at SEMI Japan, Tokyo, Japan

- Next Meeting: November 2, 2012 at SEMI Japan, Tokyo, Japan
- Task Force Updates
  - Polarizing Film Task Force
    - Drafting Doc.5425 (Revision to D46, Terminology for FPD Polarizing Films) and to be balloted at cycle 6. The result will be reviewed on November 2
  - Flexible Display Task Force
    - Discussing new standard item (no details were reported). The SNARF will be submitted at the next meeting.
  - No Activity reported from Backlight task force and FPD Color Filter task force
- **Attachment:** 04, Japan M+C Committee liaison report

### 3.3 Taiwan FPD Committee

The report submitted after the meeting so the summaries were extracted from that report.

- No leadership change and no ballot adjudication
- Meeting Information
  - Last Meeting: August 22, 2012 at ITRI, Taiwan
  - Next Meeting: November 8, 2012 at ITRI, Taiwan
- Ballot Adjudication
  - Doc 4764B (Test Method of FPD –based Stereoscopic Display with Active Glasses) **passed** committee review
- Authorized Ballots at cycle 5-12
  - Doc. 5291A (New Standard: Test Method of Ambient Color Gamut for FPD in Indoor Environments)
  - Doc. 4765 (New Standard: Test Method of FPD-based Stereoscopic Display with Passive Glasses)
- Task Force Updates
  - ACG task force
    - Drafting Doc. 5291A (New Standard: Test Method of Ambient Color Gamut for FPD in Indoor Environments)
  - 3D Display Gray-to-Gray Cross Talk task force
    - Drafting Doc. 5292 (New Standard: Test Method of Gray-to-Gray Crosstalk for FPD-based Stereoscopic Display)
  - Touch Screen Panel task force
    - The discussion about the definition of the document was made. The task force will rework document title at the next task force meeting.
  - e-Paper Display task force
    - Drafting Doc. New Standard: Test Methods for Color Properties of Electronic Paper Display, which is not numbered, yet.
- **Attachment:** 05, Taiwan FPD Committee liaison report

### 3.4 SEMI Staff Report

Natalie Shim gave the SEMI Staff Report. Of note:

- 2012 Highlights
  - 14 450mm-related Standards now published, 12 more in progress
  - First 3DS-IC standards expected by end of year
  - 33 PV Standards now published
  - China PV Committee formed
  - First HB-LED ballots issued in early 2012, first standards expected by end of year
- June 2012 Standards Publications
  - New Standards: 3
  - Revised Standards: 5
  - Reapproved Standards: 0
  - Withdrawn Standards: 0
  - Total SEMI Standards in portfolio: 845
- Membership Update
  - Total Global Program Members: 4,367
  - The largest committee by Global TC members: PV
- Upcoming Event
  - SEMICON Korea 2013 : Jan 29 (Wed) – Feb 1 (Fri), 3 days
  - 3 meetings and 2 Standards related programs
    - Meetings: Facilities Committee/ I&C Committee/ FPD Metrology Committee
    - Programs: GEM · SECS STEP/ 450mm STEP

**Attachment:** 06, SEMI Staff report

## 4 Ballot Review

No ballot review

## 5 Subcommittee & Task Force Reports

### 5.1 Backlight Unit Task Force

Natalie Shim reported 4313D and 5379C were failed to get enough vote for authorizing ballot at cycle 7 from FPD Metrology GCS. Instead, Kyoung Ho Lim made a motion for those ballots authorization at the meeting.

**Motion:** Approve 4313D and 5379C in Cycle 7-12  
**By / 2<sup>nd</sup>:** HyongHo Lim (LG Display)/ Don Gyou Lee (LG Display)  
**Discussion:** None.  
**Vote:** 2-0, Motion carried.

## 5.2 Tone and Color Task Force

No update

\*Note: Tone and Color task force leader informed SEMI via telephone that he will update task force activity status at the next committee meeting.

## 5.3 Optical Characteristic measurement Task Force

- The task force leader decided to merge 5336(Test Method for Optical Characteristics of LCD panel) to 5337(Test Method for Optical Characteristics of Transparent Display) since both documents are addressed to cell unit optical characteristics measurement method. The committee approved 5337 activity withdraws.

**Motion:** Withdraw 5336 activity

**By / 2<sup>nd</sup>:** HyongHo Lim (LG Display)/ Don Gyou Lee (LG Display)

**Discussion:** None.

**Vote:** 2-0, Motion carried.

5.4 For 5337, the TF is drafting its first ballot and expect to submit it at the next committee meeting.

## 6 Old Business

None

## 7 New Business

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.

## 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 February 1, 2013 at SEMI Korea office, Seoul, Korea in conjunction with SEMICON Korea 2013.



Respectfully submitted by:  
 Natalie Shim  
 Standards Coordinator  
 SEMI Korea  
 Phone: 82.2.531.7808  
 Email: eshim@semi.org

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

#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 [SEMI Staff Name] at the contact information above.