



## FPD Materials and Components Japan TC Chapter Meeting Meeting Summary and Minutes

SEMI Japan Standards Summer 2016 Meetings  
July 1, 2016, 15:00-17:00  
Campus Innovation Center Tokyo, Tokyo, Japan

TC Chapter Announcements

**FPD Materials & Components Japan TC Chapter:**

**SEMI Japan Standards Fall 2016 Meetings**

November, 2016 (TBD)

SEMI Japan, Tokyo, Japan

### Table 1 Meeting Attendees

**Co-Chairs of FPD M&C Committee:** Tadahiro Furukawa (Yamagata University), Yoshi Shibahara (Fujifilm)

**SEMI Staff:** Naoko Tejima (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Yamagata University	Furukawa	Tadahiro	Japan Display	Watanabe	Ryoichi
Nitto Denko	Tatsumi	Motoshige	SEMI Japan	Tejima	Naoko
Fujifilm	Shibahara	Yoshi			

*\* alphabetical order by last name*

### Table 2 Leadership Changes

**FPD M&C Japan TC Chapter**

None.

### Table 3 Ballot Results

**Passed** ballots and line items will be forwarded 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.

**FPD Materials & Components Japan TC Chapter**

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
6010	Reapproval of SEMI D34-0710, Test Method for FPD Polarizing Films	<b>Passed</b> as ballotted
6011	Reapproval of SEMI D38-0211, Guide for Quality Area of LCD Masks	<b>Passed</b> as ballotted
6012	Reapproval of SEMI D39-0704 (Reapproved 0710), Specification for Markers on FPD Polarizing Films	<b>Passed</b> as ballotted
6013	Reapproval of SEMI D6-0211, Specification for Liquid Crystal Display (LCD) Mask Substrates	<b>Passed</b> as ballotted

### Table 4 Authorized Activities

**FPD M&C Japan TC Chapter**

None.

### Table 5 Authorized Ballots

**FPD M&C Japan TC Chapter**

None.

**Table 6 New Action Items**  
**FPD M&C Japan TC Chapter**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
FPD M&C 160701-01	SEMI Staff	To forward adjudication result of Doc.#6010 to the ISC A&R Subcommittee for procedural review.
FPD M&C 160701-02	SEMI Staff	To forward adjudication result of Doc.#6011 to the ISC A&R Subcommittee for procedural review.
FPD M&C 160701-03	SEMI Staff	To forward adjudication result of Doc.#6012 to the ISC A&R Subcommittee for procedural review.
FPD M&C 160701-04	SEMI Staff	To forward adjudication result of Doc.#6013 to the ISC A&R Subcommittee for procedural review.
FPD M&C 160701-05	SEMI Staff	To contact Mr. Otsuka and ask him his intention, and request him to send his replacement, if he will decline the co-chair position.

**Table 7 Previous Meeting Action Items**  
**FPD M&C Japan TC Chapter**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
FPD M&C 160205-01	SEMI Staff	To submit reapproval ballot of D34-0710, Test Method for FPD Polarizing Films, for Cycle 4, 2016... <b>Close</b>
FPD M&C 160406-01	SEMI Staff	To submit reapproval ballot of SEMI D38-0211, Guide for Quality Area of LCD Masks, for Cycle 4, 2016. ... <b>Close</b>
FPD M&C 160406-02	SEMI Staff	To submit reapproval ballot of SEMI D39-0704 (Reapproved 0710), Specification for Markers on FPD Polarizing Films, for Cycle 4, 2016. ... <b>Close</b>
FPD M&C 160406-03	SEMI Staff	To submit reapproval ballot of SEMI D6-0211, Specification for Liquid Crystal Display (LCD) Mask Substrates, for Cycle 4, 2016. ... <b>Close</b>
FPD M&C 160406-04	Co-chairs	To submit JRSC a proposal to add “Measuring Method” as Subtype of documents to the procedural Manual by April 15. ... <b>Close</b>

## 1 Welcome, Reminders, and Introductions

Tadahiro Furukawa, committee co-chair, 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.

## 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

It was pointed followings:

- “Toshihito Otuska, Sanritz” should be added to the Previous Leader of “Table 2 Leadership Changes”
- “3.2 Gases North America” should be corrected to “FPD Metrology Taiwan”

**Motion:** To approve the minutes of the previous meeting as written after the above points are corrected.

**By / 2<sup>nd</sup>:** Yoshi Shibahara (Fujifilm) / Ryoichi Watanabe (Japan Display)

**Discussion:** None

**Vote:** 3 in favor and 0 opposed. **Motion passed.**

**Attachment:** 01\_JA\_FPD\_M+C\_Previous\_Mtg\_Minutes\_160701

## 3 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included SEMI Global 2016 Calendar of Events, SEMICON West 2016 Standards Meetings, Global Standards Meeting Schedule, 2016 Critical Dates for SEMI Standards Ballots, A&R Ballot Review, SEMI Standards Publication, PPT Template Update, JRSC Topics, SEMI-Tsushin (SEMI Mail Magazine) and Contact Information.

**Attachment:** 02\_SEMI\_Staff\_Report\_160701

## 4 Liaison Reports

### 4.1 FPD Metrology Korea TC Chapter

No report was provided.

### 4.2 FPD Metrology Taiwan TC Chapter

No report was provided.

## 5 Ballot Review

### 5.1 Doc.# 6010, Reapproval of SEMI D34-0710, Test Method for FPD Polarizing Films.

This document passed committee review and will be forwarded to the ISC A&R SC for procedural review.

**Action Item:** SEMI staff to forward adjudication result of Doc.#6010 to the ISC A&R Subcommittee for procedural review.

**Attachment:** 03\_6010\_Ballot\_Report\_160701

### 5.2 Doc.# 6011, Reapproval of SEMI D38-0211, Guide for Quality Area of LCD Masks.

This document passed committee review and will be forwarded to the ISC A&R SC for procedural review.

**Action Item:** SEMI staff to forward adjudication result of Doc.#6011 to the ISC A&R Subcommittee for procedural review.

**Attachment:** 04\_6011\_Ballot\_Report\_160701

### 5.3 Doc.# 6012, Reapproval of SEMI D39-0704 (Reapproved 0710), Specification for Markers on FPD Polarizing Films

This document passed committee review and will be forwarded to the ISC A&R SC for procedural review.

**Action Item:** SEMI staff to forward adjudication result of Doc.#6012 to the ISC A&R Subcommittee for procedural review.

**Attachment:** 05\_6012\_Ballot\_Report\_for\_160701

### 5.4 Doc.# 6013, Reapproval of SEMI D6-0211, Specification for Liquid Crystal Display (LCD) Mask Substrates

This document passed committee review and will be forwarded to the ISC A&R SC for procedural review.

**Action Item:** SEMI staff to forward adjudication result of Doc.#6013 to the ISC A&R Subcommittee for procedural review.

**Attachment:** 06\_6013\_Ballot\_Report\_for\_160701

## 6 Subcommittee and Task Force Reports

### 6.1 Polarizing Film Task Force

Yoshi Shibahara reported for the Polarizing Film Task Force. Of note;

- The 1st draft of *Doc.#6006, New Standard: Test method for measurements of dimension of films for FPD – contour matching method* will be developed by October.
- Working draft of *Doc. #6014, Revision to SEMI D60-0710: Test Method of Surface Scratch Resistance for FPD Polarizing Film and Its Materials* will be developed by the next meeting and discuss at the Task Force.
- Toshihito Otsuka, Sanritz, has not attended the meeting more than 10 years and he does not work as one of co-chairs.

**Action Item:** SEMI to contact Mr. Otsuka and ask him his intention, and request him to send his replacement, if he will decline the co-chair position.

**Attachment:** 07\_Polarizing\_TF\_Report\_160701

- The following documents passed committee review as previously discussed. (See 6).
  - *Doc.# 6010, Reapproval of SEMI D34-0710, Test Method for FPD Polarizing Films.*
  - *Doc.# 6012, Reapproval of SEMI D39-0704 (Reapproved 0710), Specification for Markers on FPD Polarizing Films*

## 6.2 Flexible Display Task Force

Tadahiro Furukawa reported for the Flexible Display Task Force. There are nothing especial to report, because TF did not have the meeting on the day.

## 6.3 FPD Color Filter Task Force

Tadahiro Furukawa reported for the *FPD Color Filter Task Force*. There were nothing to report.

## 6.4 FPD Mask Task Force

No report was provided.

The following documents passed committee review as previously discussed. (See 6)

- Doc.# 6011, Reapproval of SEMI D38-0211, Guide for Quality Area of LCD Masks.
- Doc.# 6013, Reapproval of SEMI D6-0211, Specification for Liquid Crystal Display (LCD) Mask Substrates

**Action Item:** SEMI to circular the above SNARF to TC members for their reviews.

## 7 Old Business

### 7.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items. These can be found in the Previous Action Items table at the beginning of these minutes.

## 8 New Business

None.

## 9 Discussion about the Sub-Type of Documents

It has been discussing that "Measurement Method" should be added as the sub Type of documents, between SPI and FPD Materials & Components Japan TC Chapter.

**Attachment:** 08\_Measurement\_Method\_REGS\_Response\_160701

## 10 Action Item Review

### 10.1 New Action Items

Naoko Tejima reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

## 11 Next Meeting and Adjournment

The next meeting of the FPD Materials and Components Japan TC Chapter is TBD.

See <http://www.semi.org/en/events> for the current list of meeting schedules.

Having no further business, a motion was made to adjourn. Adjournment was at 17:00.

Respectfully submitted by:  
Naoko Tejima  
Manager, Standards  
SEMI Japan  
Phone: +81.3.3222.5804  
Email: ntejima@semi.org

Minutes approved by:

Tadahiro Furukawa (Yamagata University), Co-chair of FPD Materials & Components Japan TC Chapter	*** ***, 2016
Yoshi Shibahara (Fujifilm), Co-chair of FPD Materials & Components Japan TC Chapter	*** ***, 2016

**Table 8 Index of Available Attachments #1**

#	<i>Title</i>
1	JA_FPD_M+C_Previous_Mtg_Minutes_160701
2	SEMI_Staff_Report_160701
3	6010_Ballot_Report_160701
4	6011_Ballot_Report_160701
5	6012_Ballot_Report_for_160701
6	6013_Ballot_Report_for_160701
7	Polarizing_TF_Report_160701
8	Measurement_Method_REGS_Response_160701

#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.