

Japan FPD Materials & Components Committee Meeting Summary and Minutes

SEMI Japan Standards Winter 2014 Meetings
Friday, February 14, 2014, 15:00-17:00
SEMI Japan, Tokyo, Japan

Next Committee Meeting
SEMI Japan Standards Spring 2014 Meetings
Friday, April 18, 2014, 14:00-17:00
SEMI Japan, Tokyo, Japan

Table 1 Meeting Attendees

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

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Yamagata University	Furukawa	Tadahiro	Fujifilm	Shibahara	Yoshi
Teijin	Itoh	Haruhiko	SK Electronics	Shiojiri	Kazuya
SK Electronics	Nogami	Yoshitada	Japan Display	Watanabe	Ryoichi
Konica Minolta	Ochi	Keizo	SEMI Japan	Tejima	Naoko

** alphabetical order by last name*

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>
5550	Cycle 3, 2014	Flexible Display Task Force	New Standard: Guide for Measuring Dimensions for Plastic Films/Substrates
5696	Cycle 3, 2014	FPD Materials & Components Committee	Reapproval of SEMI D9-0303 (Reapproved 0709) - Terminology for FPD Substrates

Table 5 Authorized Activities

#	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
5696	SNARF	FPD Materials & Components Committee	Reapproval of SEMI D9-0303 (Reapproved 0709) - Terminology for FPD Substrates

Table 6 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
FPD M&C140214-01	Flexible Display Task Force	To submit Doc. #5550, “New Standard: Guide for Dimensional Measurement of Plastic Films”, for Cycle 3, 2014.
FPD M&C140214-02	Kaname Nitobe Kazuya Shiojiri	To prepare TFOF of Mask Task Force.
FPD M&C140214-03	SEMI Staff	To make the SNARF and to submit reapproval ballot of SEMI D9, Terminology for FPD Substrates, for Cycle 3, 2014
FPD M&C140214-04	SEMI Staff	To change the status of SEMI D41-0305, Measurement Method of SEMI MURA in FPD Image Quality Inspection, to Inactive.

1 Welcome, Reminders, and Introductions

Tadahiro Furukawa, committee co-chair, called the meeting to order at 15:00. Self-introductions were made followed by the agenda review.

2 Required Meeting Elements

The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed by SEMI staff, Naoko Tejima.

3 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting held on October 24, 2013.

Motion: To approve the minutes of the previous meeting as written.

By / 2nd: Yoshi Shibahara (Fujifilm) / Ryoichi Watanabe (Japan Display)

Discussion: None

Vote: 6 in favor and 0 opposed. **Motion passed.**

Attachment: 01_JA_FPD_M&C_Previous_Mtg_Minutes_140214

4 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included SEMI Global 2014 Calendar of Events, Global Standards Meeting Schedule, North America Standards Spring Meetings 2014, 2014 Critical Dates for SEMI Standards Ballots, SEMI Standards Publications, A&R Ballot Review Nov. 2013 Cycle and Contact Information.

Attachment: 02_SEMI_Staff_Report_140214

5 Liaison Reports

5.1 Korea FPD Committee Report

Naoko Tejima reported for the Korea FPD Metrology Committee. This report included Leadership, Organization Chart, Meeting Information, Major Updates of Ballots, Subcommittee/TF/WG Updates, Contact Information. Of note;

- 4571J passed the Korea FPD Metrology Committee and ISC A&R Subcommittee review at last, although many JA members voted rejects.
- When the Korea TC Chapter asks the other TC Chapters to review their draft documents, it is always too short notice. The JA TC Chapter to request to give them enough time to review.

Attachment: 03_KR_FPD_Liaison_Report_140214

5.2 Taiwan FPD Committee Report

Naoko Tejima reported for the Taiwan FPD Committee. This report included Leadership, Organization Chart, Meeting Information, Ballot Results, Upcoming Ballots, Task Force Updates and Contact Information.

Attachment: 04_TW_FPD_Liaison_Report_140214

6 Task Force Reports

6.1 Polarizing Film Task Force

Yoshi Shibahara reported on progress for the Polarizing Film Task Force. The Task Force met earlier in the day. Of note:

- TF is discussing new business which may be able to standardize, such as Circular Polarization, Touch Screen Panel, Mechanical Test, Optical Properties, Environmental Test, Size, Recycle and so on.
 - Expanding the scope to the outside of the polarizing films?
 - Recruit the new members which suits to the topics through the Workshop or STEP?

Attachment: 05_Polarizing_Film_TF_Report_140214

6.2 Backlight Task Force

No report was provided by the Task Force.

6.3 Flexible Display Task Force

Tadahiro Furukawa reported for the Flexible Display Task Force. The Task Force met earlier in the day. Of note:

- #5550, New Standard: Guide for Dimensional Measurement of Plastic Films, was submitted as the Information Ballot from January 9 to February 13, 2014. As the result, there are no rejects and comments.
- Some changes were added to the draft document.

Motion: To submit Doc.#5550 for Cycle 3, 2014.

By / 2nd: Haruhiko Itoh (Teijin) / Keizo Ochi (Konica Minolta)

Discussion: None.

Vote: 6 in favor and 0 opposed. **Motion passed.**

Action Item: Flexible Display Task Force to submit Doc.#5550 for Cycle 3, 2014.

6.4 Color Filter Task Force

Tadahiro Furukawa reported for the Color Filter Task Force that there were no particular things should be reported.

7 Old Business

7.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items.

Table 7 Previous Meeting Actions Items

Item #	Assigned to	Details
FPD M&C131024-01	SEMI Staff	To correct “touch panel screens (7.1)” to “touch screen panels” of the previous meeting minutes. ... Close
FPD M&C131024-02	Flexible Display Task Force	To make the document for the information ballot by the end of November... Close

8 New Business

8.1 Proposal of setting up Mask Task Force

Since the candidates of the co-leaders of the Mask TF were absent, it was carried over to the next committee meeting.

Action Item: Kaname Nitobe and Kazuya Shiojiri to prepare TFOF of Mask Task Force

8.2 Handling of Document SEMI D9 and D41

These documents were originally developed by JA FPD Factory Automation Committee. At the previous FPD Materials & Components meeting, handling of SEMI D41 was relegated to JA FPD Metrology Committee, but, it sent back to the FPD Materials & Components committee.

Motion: To submit the reapproval ballot of SEMI D9-0303, Terminology for FPD Substrates for Cycle 3, 2014.

By / 2nd: Ryoichi Watanabe (Japan Display) / Yoshi Shibahara (Fujifilm)

Discussion: None

Vote: 6 in favor and 0 opposed. **Motion passed.**

Action Item: SEMI Staff to make the SNARF and to submit reapproval ballot of SEMI D9 for Cycle 3, 2014

Motion: To change the status of SEMI D41-0305, Measurement Method of SEMI MURA in FPD Image Quality Inspection to Inactive.

By / 2nd: Keizo Ochi (Konica Minolta) / Ryoichi Watanabe (Japan Display)

Discussion: None

Vote: 6 in favor and 0 opposed. **Motion passed.**

Action Item: SEMI Staff to change the status of SEMI D41-0305, Measurement Method of SEMI MURA in FPD Image Quality Inspection to Inactive.

9 Action Item Review

9.1 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.

10 Next Meeting and Adjournment

The next meeting of the Japan FPD Materials & Components Committee is scheduled for Friday, April 18, 2014, 14:00-17:00, SEMI Japan, Tokyo, Japan. It will be held jointly with the Japan FPD Metrology Committee.



Respectfully submitted by:
Naoko Tejima
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SEMI Japan
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Minutes approved by:

Tadahiro Furukawa (Yamagata University), Co-chair of JA FPD M&C Committee	March 16, 2014
Yoshi Shibahara (Fujifilm), Co-chair of JA FPD M&C Committee	March 14, 2014

Table 8 Index of Available Attachments #1

#	<i>Title</i>
1	JA_FPD_M&C_Previous_Mtg_Minutes_140214
2	SEMI_Staff_Report_140214
3	KR_FPD_Liaison_Report_140214
4	TW_FPD_Liaison_Report_140214
5	Polarizer_TF_Report_140214

#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 Naoko Tejima at the contact information above.