

Japan FPD Materials & Components Committee Meeting Summary and Minutes

November 2, 2012 15:00-17:30
JPR Conference Room 1, SEMI Japan, Tokyo, Japan

Next Committee Meeting

FPD M&C Committee Meeting: TBD

Candidate is sometime in end of January or early February.

Committee Announcements (optional)

None

Table 1 Meeting Attendees

Co-Chairs: Hisashi Aruga (Seiko Epson), Tadahiro Furukawa (Yamagata University), Yoshi Shibahara (Fujifilm)

SEMI Staff: Junko Collins on behalf of Naoko Tejima

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Fujifilm	Shibahara	Yoshi	Japan Display Central	Watanabe	Ryoichi
Otsuka Electronics	Kawaguchi	Akira	Konica Minolta Optics	Ochi	Keizou
Chuo Electronic Measurement	Yoda	Yuji	Nitto Dneko	Akada	yuuzou
Yamagata University	Furukawa	Tadahiro	ITRI	Chen	Lo-Jung
ITRI	Wen	Bor-Jiunn			

Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>
No changes		

Table 3 Ballot Results (or move to Section 5, Ballot Review)

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
5425	Revision to SEMI D46-0706: Terminology for FPD Polarizing Films"	Passed as written and decided to forward it to A&R

Table 4 Authorized Ballots (or move to Section 7, New Business)

#	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
No	No	No	No

Table 5 Authorized Activities (or move to Section 7, New Business)

#	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
No	No	No	No

Note: SNARFs and TFOFs are available for review on the SEMI Web site at:

<http://downloads.semi.org/web/wstsdbsal.nsf/TFOFSNARF>

Table 6 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
FPD M&C121102-01	Chairs	To work on the documents of substrate and backlight for five-year review
FPD M&C121102-02	SEMI Japan Staff	To ask, through SEMI Korea Staff, members of FPD Committee in Korea what they want to do with respect to D41; - should be maintained or - can be "Inactive" document

Table 7 Previous Meeting Actions Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
M&C120427-1	SEMI Staff	SEMI Staff to confirm whether any standards which need to maintain for 5 years review by the end of May 2012 and report to the TFs leaders and the committee co-chairs. → Closed on October 19
M&C120427-2	SEMI Staff	SEMI Staff to announce the voting start of Doc. 4317 and doc. 5379 in Cycle 3, originated from FPD Korea Metrology committee to the Japan FPD Materials & Components TC members. → Closed

1 Welcome, Reminders, and Introductions

Tadahiro Furukawa (Yamagata University) 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 1: [02.0_Required Elements Reg_20100302_E+J](#)

2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting.

Attachment 2: [05.0_JA_FPD_MC_Committee_Minutes_120427_r2](#)

Motion: Approval for the minutes of the previous meeting (2012/04/27) as written

By / 2nd: R. Watanabe (Japan Display Central) / Y. Shibahara (Fujifilm)

Discussion: None

Vote: 6-0

3 SEMI Staff Report

J. Collins gave the SEMI Staff Report as attached file. The report included SEMI Global Calendar of Events, NA Fall Standards Meeting Information, Upcoming Japan TC Meetings (in conjunction with SEMICON Japan 2012/PV Japan 2012) and SEMI Standards Publication.

J. Collins also reported some summary from JRSC meeting on August 31.

Nogami-san, FPD Coordination Group reported some concern about FPD related technical committee activities. FPD Coordination Group would have discussion about it including reorganization.

The 3D-IS Study Group was established under the Packaging Committee.

Following the JRSC meeting, the JRSC Annual Planning Meeting was held including the leadership training. This year, invited two speakers gave their presentations. More than 30 people attended.

Hiroyuki CHUMA, professor, Institute of Innovation Research, Hitotsubashi University spoke about “Social Network Analysis of the World Semiconductor R&D System: Case of High-k/Metal Gate Technologies”

Eiichi KONDOH, professor, Department of Mechanical System Eng., Faculty of Engineering, University of Yamanashi, Member of Science Knowledge Integration Laboratory also introduced Science Knowledge Integration Laboratory.

Attachment 3: [04.1_SEMI Staff Report 2012 October R0.2](#)

4 Liaison Reports

4.1 North America Liaison Report

No report

4.2 Korea FPD Metrology Committee Liaison Report

J. Collins (SEMI Japan) reported.

Attachment 4: [04.2_KR FPD-Met_Liaison_Oct2012_v1](#)

4.3 Taiwan FPD Committee Liaison Report

J. Collins reported.

Attachment 5: [04.3_Taiwan FPD_Liaison_20120822-1R1](#)

5 Ballot Review

Table 8 Ballot Results (or move to Section 4, Ballot Review)

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
5425	Revision to SEMI D46-0706: Terminology for FPD Polarizing Films	Passed as written and decided to forward it to A&R

Attachment 6: [5425_Ballot_Review](#)

6 Subcommittee & Task Force Reports

6.1 Polarizing File Task Force

The task force starts to work on five-year review on D50-0707. The SNARF will be reviewed at the next technical Committee meeting.

6.2 Backlight Task Force

No report was made.

6.3 Flexible Display Task Force

Task Force starts to work on the document with regards to gas barrier. The SNARF will be prepared by the task force before the next technical committee

SNARF for Guide for Dimensional Measurement of Plastic Film is under development. Since this activity includes solar cell, the task force will have some communication with PV Materials Committee. Also Taiwan FPD Committee will form a new task force (Flexible Display Task Force) which is related to this activity.

- This task force will work closely with the Flexible Display Task Force in Japan.
- The SNARF will be reviewed during the next technical committee meeting

6.4 FPD Color Filter Task Force

The following documents need five-year Review.

- D13-0708
- D29-1101
- D30-0707

7 Old Business

Previous action item Review

See Table 7: Previous Meeting Actions Items

8 New Business

Leadership Change

See Table 2: Leadership Changes

9 Future Plan of FPD Committees

FPD Coordination Group Report

FPD coordination Group Meeting was held on November 1. Members discussed following points;

- Committee Structure

Establishment of new committee named FPD Committee (tentatively) which covers current M&C, Mask and FA scopes

Mask Task Force will be established under new FPD Committee.

Documents currently owned by FA Committee will be not maintained and become “Inactive” status documents.

Metrology Committee is independent from FPD Committee.

SEMI needs accurate membership maintenance for smooth transition to new structure.

Staff will draft the scenario in the light of a new Regulations and report to the Coordination Group.

Possible schedule

Propose new structure to JRSC in April 2013

Report to ISC and ask permission (if needed)

- FPD Coordination Group

This group remains as is.

Meeting will be held twice a year on the same day with FPD related committees.

- Negative impact for merging three different areas (M&C, Mask, FA) is causing difficulty to reach 60% of voting rate.

Attachment 7: 09.0_FPD_Coordination_Grp_Meeting_121101_R0.1

10 Action Item Review

10.1 *Open Action Items*

See Table 7: Previous Action time Review.

10.2 *New Action Items*

See Table 6: New Action Items

11 Next Meeting and Adjournment

The next Japan FPD M&C Committee meeting will be held in the end of January or in early February.

Staff will coordinate the meeting date with T. Furukawa.



Respectfully submitted by:
Junko Collins (on behalf of Naoko Tejima)
SEMI Japan
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Email: jcollins@semi.org

Minutes approved by:

Tadahiro Furukawa (Yamagata University), Co-chair	
Hisahi Aruga (Seiko Epson), Co-chair	
Yoshi Shibahara (Fujifilm), Co-chair	

Table 9 Index of Available Attachments #1

#	Title	#	Title
1	02.0_Required Elements Reg_20100302_E+J	6	5425_Ballot_Review
2	05.0_JA_FPD_MC_Committee_Minutes_120427_r2	7	09.0_FPD_Coordination_Grp_Meeting_121101_R0.1
3	04.1_SEMI Staff Report 2012 October R0.2		
4	04.2_KR FPD-Met_Liaison_Oct2012_v1		
5	04.3_Taiwan FPD_Liaison_20120822-1R1		

#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 (Ms.) / ntajima@semi.org] at the contact information above.