



FPD Metrology Taiwan TC Chapter

Meeting Summary and Minutes

Taiwan Summer Standards Meeting 2020

Friday, August 7, 2020, 15:00 – 16:30

ITRI Office, Meeting Room 223, 16th Building, No. 321 Sec. 2 Kuang Fu Rd., Hsinchu, Taiwan

TC Chapter Announcements

Next TC Chapter Meeting

Friday, Feb. 5, 2021, 15:00 – 16:30

ITRI Office, Hsinchu, Taiwan

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Jen-Chieh Wang (ITRI)

SEMI Staff: Cher Wu

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
AUO	Eric	Liu	ITRI	Bao-Jen	Pong
I-Boson	Kerson	Wang	ITRI	Shao-Tang	Hung
Innolux	Mark	Kuo	NTUST	Pei-Li	Sun
ITRI	Chao-Hua	Wen	Wisechip Semiconductor	Telu	Chen

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
None		

Table 3 Committee Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
None	

Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
6536	Metrology Correction of nonconforming title	Passed
5949C	Test Method for Local and Overall Flicker of Flexible Displays of Flat Panel Displays	Passed

#1 **Passed** ballots and line items will be submitted to the ISC Audit & Review Subcommittee for procedural review.

#2 **Failed** ballots and line items were returned to the originating task forces for re-work and re-balloting or abandoning.



Table 5 Activities Approved by the GCS between meetings of the TC Chapter

#	Type	SC/TF/WG	Details
None			

Table 6 Authorized Activities

Listing of all revised or new SNARF(s) approved by the Originating TC Chapter.

#	Type	SC/TF/WG	Details
None			

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

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

Table 7 Authorized Ballots

#	When	TF	Details
None			

Table 8 SNARF(s) Granted a One-Year Extension

#	TF	Title	Expiration Date
None			

Table 9 SNARF(s) Abolished

#	TF	Title
None		

Table 10 Standard(s) to receive Inactive Status

Standard Designation	Title
None	

Table 11 New Action Items

Item #	Assigned to	Details
None		

Table 12 Previous Meeting Action Items

Item #	Assigned to	Details
1	SEMI Staff	SEMI check Korea's 6351E status_Closed
2	SEMI Staff	Next meeting will include JP Materials & Component TC Chapter Liaison Report_Closed
3.	SEMI Staff	SEMI support TF to set up TF for maintenance_Closed



1 Welcome, Reminders, and Introductions

Committee Co-Chairs Jen-Chieh Wang (ITRI) 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: Meeting Reminder_2020

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: Approve previous meeting minute
By / 2nd: Chao-Hua Wen (ITRI) / Eric Liu (AUO)
Discussion: After review, all TC members agreed to approve it
Vote: 8-0 in favor. Motion passed

Attachment: 20200207 FPD Meeting Minutes,

3 Liaison Reports

3.1 FPD _ Metrology Japan TC Chapter

Action Item:

Meeting Information

Last Meeting

May 31, 2019 at Japan Spring 2019 Meetings
Jointly held with FPD Materials & Components
SEMI Japan, Tokyo
Next Meeting, Date to be decided

3.2 FPD _ Metrology and Components Japan TC Chapter

Action Item:

Meeting Information

Last Meeting

February 14, 2020 at Japan Winter 2020 Meetings
SEMI Japan office, Tokyo
Next Meeting, August 21, 2020 at Japan Summer 2020 Meetings
SEMI Japan office, Tokyo
May 26, 2020 at Japan Spring 2020 Meetings was postponed.

Five-Year Review

Designation	Standard Title	Action By	Assigned to
SEMI D9-0303 (Reapproved 0515)	Terminology for FPD Substrates	Spring 2020	FPD Materials & Components Maintenance TF



Next action on SEMI D9 to be proposed at the TC Chapter meeting on August 21

Attachment: [202006_JA_FPD_Met_LiaisonReport_v1.0](#)

3.3 FPD__ Metrology Korea TC Chapter

Action Item:

Meeting Information,

Last meeting: June 12, 2020 at SEMI Korea Office

Next meeting: October 30, 2020 at SEMI Korea Office

Leadership Changes

TF/SC/CFG/TC Name	Previous Leader	New Leader
Picture Quality Evaluation TF	N/A	Myongyoung Lee – LG Electronics

Ballot Results – Cycle 9, 2019

Doc #	Document Title	TC Chapter Action
6614A	New Standard, Test Method of Dimming Property for Flat Panel Displays	Failed , returned for re-work
6644	New Standard, Test Method for Viewing Angle of Flat Panel Displays	Failed , returned for re-work

The ballots were failed as they didn't meet 60% return rate which is indicated in SEMI Procedure Manual section 1.11.1

Activities Approved via GCS between Meetings

Doc #	Type	SC/TF/CFG	Title/Details
6644	SNARF	Perceptual Viewing Angle TF	New Standard: Test Method for Viewing Angle of Flat Panel Displays approved on 04/27/2020.
6644	Cycle 4 - 2020	Perceptual Viewing Angle TF	New Standard: Test Method for Viewing Angle of Flat Panel Displays approved on 04/27/2020.
6614A	Cycle 4 - 2020	Perceptual Image Quality TF	New Standard: Test Method of Dimming Property for Flat Panel Display approved on 04/27/2020.

Authorized Activities

Doc #	Type	SC/TF/CFG	Document Title/Details
TFOF	Picture Quality Evaluation TF	The TF is newly formed.	
6659	SNARF	Perceptual Image Quality TF	Revision to SEMI D75-0118, Test Method for Color Reproduction and Perceptual Contrast of Displays

Authorized Ballots



Doc #	When	TF	Document Title/Details
6614B	Cycle 6-2020	Perceptual Viewing Angle TF	New Standard: Test Method for Viewing Angle of Flat Panel Displays
6644A	Cycle 6-2020	Perceptual Image Quality TF	New Standard: Test Method of Dimming Property for Flat Panel Display
6659	Cycle 6-2020	Perceptual Image Quality TF	Revision to SEMI D75-0118, Test Method for Color Reproduction and Perceptual Contrast of Displays

Attachment: KR_FPDM_2020Aug

3.4 SEMI Staff Report

Action Item: SEMI Global 2020 Calendar of Events
2020 Critical Dates for SEMI Standards Ballots

Attachment: FPD TC Staff Report_20200807,

4 Ballot Review

NOTE 1: TC Chapter adjudication on ballots reviewed is detailed in the Audits & Review (A&R) Subcommittee Forms for procedural review. The A&R forms are available as attachments to these minutes. The attachment number for each balloted document is provided under each ballot review section below.

4.1

Doc #	Document Title	TC Chapter Action
6536	Metrology Correction of nonconforming title	Pass
5949C	Test Method for Local and Overall Flicker of Flexible Displays of Flat Panel Displays	Pass

5 Subcommittee and Task Force Reports

5.1 *Flexible Displays Task Force* → None

5.2 Transparent Display Task Force

--Continue work on Doc. 6201: New Standard: Guide for Tone Reproduction Curves for Transparent Displays, will also pilot run the verification experiment.

6 Old Business

6.1 To set up TW FPD Metrology Maintenance Task Force for review 5-years Standards.

Motion: Pei-Li Sun (NTUST) / Mark Kuo (Innolux)

Vote: 8 in Favor – 0 reject, motion passed.

6.2 FPD Metrology Maintenance TF Leader is Kerson Wang/ Iboson.

Motion: Pei-Li Sun (NTUST) / Mark Kuo (Innolux)

Vote: 8 in Favor – 0 reject, motion passed.



7 New Business

None

8 Next Meeting and Adjournment

The next meeting scheduled for Feb 5, 2021, at ITRI Office. See <http://www.semi.org/standards-events> for the current list of events

Adjournment: 16:30.

Respectfully submitted by:

Cher Wu

Senior Executive Consultant

SEMI Taiwan

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Email: cherwu@semi.org

Minutes tentatively approved by:

Jen-Chieh Wang, ITRI, Co-chair	<Date approved>
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Table 13 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
1_ Meeting Reminder_2020	3.3_ KR_FPDM_2020Aug
2_200200207 FPD Meeting Minutes	3.4_ FPD TC Staff Report_20200807
3.2_ 202006_JA_FPD_Met_LiaisonReport_v1.0	

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