



## FPD Metrology Taiwan TC Chapter Meeting Summary and Minutes

Taiwan Summer Standards Meeting 2017

Friday, December 22, 2017, 15:00 – 16:30

ITRI Office, Hsinchu, Taiwan

### TC Chapter Announcements

Next TC Chapter Meeting

June 1, 2018, 15:00 – 16:30

ITRI Office, Hsinchu, Taiwan

### Table 1 Meeting Attendees

**Co-Chairs:** Mike Yao (ITRI)

**SEMI Staff:** Dean Chang

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
ITRI	Wang	Sheng-Po	Innolux	Chen	Fu-Cheng
ITRI	Tsai	Sarah	Innolux	Chen	Tomy
ITRI	Pong	Bao-Jen	NTUST	Sun	Pei-Li
ITRI	Wen	Chao-Hua	NTUST	Chen	Chien-Yu
ITRI	Hsu	Jung- Mei	NTUST	Chuang	Chih-Hao
ITRI	Hung	Shao-Tang	NTU	Lin	Hoany-Yaw

### Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
Flexible Display TF	Sheng-Po Wang (ITRI)	Chao-Hua Wen (ITRI)

### 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>
None		

#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/TFOFSNARE>

**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
1	Chien-Yu Chen (NTUST)	Study the feasibility of forming AR/VR Task Force
2	Dean Chang (SEMI Staff)	Forward TFOF form to Chien-Yu Chen (NTUST) to form AR/VR Task Force

**Table 12 Previous Meeting Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
1	Pei-Li Sun (NTUST)	Forward information to Chien-Yu Chen (NTUST) and request him to study AR/VR issue
2	Dean Chang (SEMI Staff)	Process new SNARFs for five-year due standards and submit them for Cycle 9-17 vote
3	Dean Chang (SEMI Staff)	Submit Doc. 5949: “New Standard: Test Method of Flicker Measurement for Flexible Displays” for Cycle 9-17 vote

## 1 Welcome, Reminders, and Introductions

Committee Co-Chair Mike Yao (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:** SEMI Standards Required Elements

## 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

**Motion:** Approve previous meeting minute  
**By / 2<sup>nd</sup>:** Sheng-Po Wang (ITRI) / Fu-Cheng Chen (Innolux)  
**Discussion:** After review, all TC members agreed to approve it  
**Vote:** 12-0-0 Motion passed

**Attachment:** 20170818\_FPD Meeting Minutes

## 3 Liaison Reports

### 3.1 FPD JP TC Chapter

3.1.1 Dean Chang (SEMI Staff) reported for the FPD JP TC Chapter. Of note:

#### Action Item:

- Next meeting will be held in April, 2018
- Keizo Ochi stepped down from the D31 Revision Task Force leader due to his retirement and the new leader is Ryoichi

**Attachment:** 171122\_JA\_FPD\_Met\_LiaisonR\_r0.0

### 3.2 FPD KR TC Chapter

3.2.1 Dean Chang (SEMI Staff) reported for the FPD KR TC Chapter. Of note:

**Action Item:**

- Next meeting will be held on February 2, 2018 in conjunction with SEMICON Korea 2018
- Doc. 5634D passed A&R

**Attachment:** KR\_FPDM\_liaison\_Dec

### 3.3 SEMI Staff Report

Dean Chang (SEMI Staff) gave the SEMI Staff Report. Of note:

**Action Item:**

- Announce 2018 critical dates for SEMI Standards Ballot
- Welcome SEMI Standards members to attend 2017 SEMI Standards Appreciation Dinner to be held on December 27, 2017
- Remind members to vote for Cycle 9-17

**Attachment:** None

## 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.

None

## 5 Task Force Reports

### 5.1 Flexible Displays Task Force

Sheng-Po Wang (ITRI) reported for the Flexible Displays Task Force. This report contained information on:

- The leader Sheng-Po Wang (ITRI) will be changed his job position in ITRI so it is suggested to assign Chao-Hua Wen (ITRI) to be the new leader of Flexible Displays Task Force

**Motion:** Approve Chao-Hua Wen (ITRI) to be the new leader of Flexible Displays Task Force

**By / 2<sup>nd</sup>:** Sheng-Po Wang (ITRI) / Fu-Cheng Chen (Innolux)

**Discussion:** After review, all TC members agreed to approve it

**Vote:** 12-0-0 Motion passed

- Doc.5948B “New Standard: Guide for Mechanical Stress Test Methods in the Measurement of Gas Barrier Performance for Flexible Display Components under a Normal Usage Condition” will be proposed in the next TC meeting for vote

### 5.2 Transparent Display Task Force

Pei-Li Sun (NTUST) reported for the Transparent Display Task Force. This report contained information on:



- Doc. 6104 “New Standard: Practice for Calibrating Automated Optical Inspection System in Front-of-View Foldable OLED Display Devices” is in the process of drafting

## 6 Old Business

6.1 Pei-Li Sun (NTUST) forwards information to Chien-Yu Chen (NTUST) and requests him to study AR/VR issue – completed

6.2 Chien-Yu Chen (NTUST) reports the status of international standards for AR/VR – completed

**Attachment:** Report-NTUST

6.3 Dean Chang (SEMI Staff) processes new SNARFs for five-year due standards and submit them for Cycle 9-17 vote – completed

6.4 Dean Chang (SEMI Staff) Submits Doc. 5949: “New Standard: Test Method of Flicker Measurement for Flexible Displays” for Cycle 9-17 vote – completed

## 7 New Business

7.1 Chien-Yu Chen (NTUST) will study the feasibility of forming AR/VR Task Force and will report in the next TC meeting

7.2 Dean Chang (SEMI Staff) will forward TFOF form to Chien-Yu Chen (NTUST) to form AR/VR Task Force

## 8 Next Meeting and Adjournment

The next meeting is scheduled for June 1, 2018 at ITRI Office. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment was at 16:30.

Respectfully submitted by:

Dean Chang

Senior Executive Consultant

SEMI Taiwan

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Minutes tentatively approved by:

<Name> (<Company>), Co-chair	<Date approved>
<Name> (<Company>), Co-chair	<Date approved>

**Table 13 Index of Available Attachments<sup>#1</sup>**

<i>Title</i>	<i>Title</i>
1_SEMI Standards Required Elements	3.2_KR_FPDM_liaison_Dec

**Table 13 Index of Available Attachments<sup>#1</sup>**

2_20170818_FPD Meeting Minutes	6.2_ <u>Report-NTUST</u>
3.1_171122_JA_FPD_Met_LiaisonR_r0.0	

#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](http://www.semi.org). For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.