



FPD Metrology Taiwan TC Chapter Meeting Summary and Minutes

Taiwan Summer Standards Meeting 2023

Friday, August 4, 2023. 14:00 – 16:00

Room 223 No.321, Section 2, Guang-fu Road, East District, Hsinchu City, OVTCCM

TC Chapter Announcements

Next TC Chapter Meeting

Friday, Feb. 23, 2024, 14:00 – 16:00

Hybrid Meeting, Hsinchu, Taiwan

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Jen-Chieh Wang (ITRI)/

SEMI Staff: Cher Wu/ Jasmine Kuan

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
AUO	Kevin	Chen	ITRI	Shao-Tang	Hung
I-Boson	Kerson	Wang	NTUST	Pei-Li	Sun
OMVOTECH	Chao-Hua	Wen	INNOLUX	Chien-Chih	Huang
ITRI	Bao-Jen	Pong			

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
Maintenance Task Force		Kerson Wang (I-Boson) Shao-Tang Huang(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>
6632B	New Standard: Test Method of Flicker Nuisance for Wide Visual Field Displays	Failed

#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
6201A	2023 cycle 7	Transparent Display Task Force	New Standards: Guide for Tone Reproduction Curves for Transparent Displays
6632C	2023 cycle 7	Flexible Displays Task Force	New Standard: Test Method of Flicker Nuisance for Wide-Visual-Field Displays
6961A	2023 cycle8 or 9	Maintenance Task Force	Line Item Revision to SEMI D58 Terminology and Test Pattern for the Color Breakup of Field Sequential Color Display

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

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		

1 Welcome, Reminders, and Introductions

Committee Co-Chairs Jen-Chieh Wang (ITRI) called the meeting to order at 14:10. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: Required Element Nov 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(OMVO Technology)/ Kerson Wang(I-Boson)

Discussion: None

Vote: 7-0 in favor. Motion passed

Attachment: FPD Meeting Minutes 20230210 v1

3 Liaison Reports

3.1 FPD-Metrology Japan TC Chapter

-- Cher Wu reported for the FPD Metrology Japan TC Chapter. Of note:

Attachment: 202308 JA FPD Metrology Liaison Report R0

3.2 FPD-Metrology Korea TC Chapter

-- Cher Wu reported for the FPD Metrology Korea TC Chapter. Of note:

Attachment: Liaison report FPDM KR July2023

3.3 SEMI Staff Report

--Cher Wu (SEMI) gave the SEMI Staff Report. Of note:

Action Item: SEMI Global 2023 Calendar of Events

2023 Critical Dates for SEMI Standards Ballots

Attachment: FPD-M TW Staff Report 202308

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 Document #6632B, New Standard: Test Method of Flicker Nuisance for Wide Visual Field Displays

Motion: This Document failed TC Chapter review and will be returned to the TF for rework.

By / 2nd: By: Pei-Li Sun (NTUST)/ Bao-Jen Pong (ITRI)

Discussion: To find reject #1-3 from Kawaguchi, Akira and Otsuka related to SEMI Draft Document 6632B Technically Persuasive.

Vote: 7-Y 0-N. Motion passed.

5 Subcommittee and Task Force Reports

5.1 Flexible Display Task Force

6632B is submitted to 2023 cycle 3 voting, review voting results, one reject comment from kawaguchiaki@otsukaele.jp (2023/6/2).

5.2 Transparent Display Task Force

New draft #6201B discussed in TF meetings on 4/7 and 6/2. Agree to submit to next TC meeting and for cycle 7 international voting.

5.3 Maintenance Task Force

SEMI D57 – Definition of Measurement Index (VCT) for Mura in FPD Image Quality Inspection: D6960(TW)

- D6960(TW) : Revision to SEMI D57-0310, Definition of Measurement Index (VCT) for MURA in FPD Image Quality Inspection, pass 2022 voting, will proceed A&R on 2/10/2023 TF meeting
 - Under Headquarter A&R review

SEMI D58 - Terminology and Test Pattern for the Color Breakup of Field Sequential Color Display: D6961(TW)

- D6961(TW) : Line Item Revision to SEMI D58 Terminology and Test Pattern for the Color Breakup of Field Sequential Color, pass 2022 voting, will proceed A&R on 2/10/2023 TF meeting

5.4 2023/7/22 SEMI TW staff past Headquarter's comments, content of 5.2.1, 5.2.4 (see, seen should be clarified)

6 Old Business

None

7 New Business

7.1 Flexible Displays Task Force

7.1.1 After TF updated on #6632B, decided to fail ballot for TC approval.

Doc 6632B, New Standard: Test Method of Flicker Nuisance for Wide-Visual-Field Displays

Motion: Ask TC to approve fail Doc. 6632B.

By / 2nd: Pei-Li Sun (NTUST)/ Shao-Tang Hung(ITRI)

Discussion: All agreed to TF's plan.

Vote: 7 in Favor – 0 reject, motion passed.



Action Item: Fail Doc. 6632B New Standards: Test Method of Flicker Nuisance for Wide-Visual-Field Displays.
Attachment: None.

7.1.2 After TF updated on #6632C, decided to submit ballot Cycle 7 for TC approval.
Doc 6632C, New Standard: Test Method of Flicker Nuisance for Wide-Visual-Field Displays
Motion: Ask TC to approve Doc. 6632C for Cycle 7
By / 2nd: Kevin Chen (AUO)/ Kerson Wang(I-Boson)
Discussion: All agreed to TF's plan.
Vote: 7 in Favor – 0 reject, motion passed.
Action Item: Submit Doc. 6632C New Standards: Test Method of Flicker Nuisance for Wide-Visual-Field Displays for Cycle 7.
Attachment: None.

7.2 Transparent Display Task Force

7.2.1 After TF updated on #6201B: New Standard: Guide for Tone Reproduction Curves for Transparent Displays,, decided to ballot submission of the following document for TC approval.
Motion: Ask TC to approve submit Doc. 6201B for Cycle 7, 2023.
By / 2nd: Bao-Jen Pon(ITRI) /Chao-Hua Wen(OMVOTECH)
Discussion: All agreed to TF's plan.
Vote: 7 in Favor – 0 reject, motion passed.

7.3 Maintenance TF report

7.3.1 TF decided to ballot submission of SEMI 6961A for Cycle 8/9.
Motion: Submit 6961A: Line Item Revision to SEMI 6961A Terminology and Test Pattern for the Color Breakup of Field Sequential Color Display for Ballot Cycle 8/9, 2023.
By / 2nd: Shao-Tang Hung (ITRI)/ Pei-Li Sun(NTUST)
Discussion: All agreed to Maintenance TF's plan.
Vote: 7 in Favor – 0 reject, motion passed.
Action Item: TC authorized this reapproval of Doc. 6961A for Ballot Cycle 8/9 2023
Attachment: None

7.3.2 TF decided to nominat a new co-leader to support leader for Maintenance TF
Motion: Nominat Shao-Tang Hung as a new co-leader for Maintenance TF
By / 2nd: **Bao-Jen Pon(ITRI)** / Chao-Hua Wen (OMVOTECH)
Discussion: All agreed to Maintenance TF's plan.
Vote: 7 in Favor – 0 reject, motion passed.
Action Item: TC authorized this recommendation on nomination of new co-leader candidate.
Attachment: None

8 Next Meeting and Adjournment

The next meeting is scheduled to be held on Feb. 23, 2024.

See <http://www.semi.org/standards-events> for the current list of events

Adjournment: 14:55

Respectfully submitted by:

Cher Wu



Senior Executive Consultant

SEMI Taiwan

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Minutes tentatively approved by:

Co-chair	Date Approved
Jen-Chieh Wang, ITRI,	2023/2/23 approved

Table 13 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
1 <u>Required Element Nov 2020</u>	4 <u>Liaison report FPDM KR July2023</u>
2 <u>FPD Meeting Minutes 20230210 v1</u>	5 <u>FPD-M TW Staff Report 202308</u>
3 <u>202308 JA FPD Metrology Liaison Report R0</u>	

#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.