



Flexible Hybrid Electronics Taiwan TC Chapter

Meeting Summary and Minutes

Spring Meeting_Virtual
Monday, Feb.10, 2025 14:00 – 16:00
Online Virtual Teams Meeting

TC Chapter Announcements

Next TC Chapter Meeting

Mar. 26, 2025

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Steve Huang (AiQ)

SEMI Staff: Nick Chen, Cheryl Chuang

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
ASE	Chen	Oudi	ITRI	Hung	Shao-Tang
ITRI	Ko	Hung-Hsien	Brewer Science	Lee	Alvin
ITRI	Chen	Heng-Yin	SYSU	Chuang	Cheng-Hsin
ITRI	Lan	Yu-Ping	ITRI	Pong	Bao-Jen
Roocare	Teng	Yu-Sheng	King's Metal Fiber Technologies	Yang	Shuntung

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
Local Area Sensing Network for FHE System Task Force	NONE	Bao-Jen Pong (ITRI) JC Lin (Roocare)

Table 3 TC Chapter Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
NONE	Local Area Sensing Network for FHE System Task Force

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 Ratification Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>ISC A&R Action</i>	<i>A&R Forms</i>
NONE			

Note 1: **Passed** Ratification ballots will be submitted to SEMI publication for final processing.

Note 2: **Failed** Ratification ballots were returned to the originating task forces for re-work and re-balloting or abandoning.

Table 6 Activities Approved by the GCS between meetings of the TC Chapter

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
NONE			

Table 7 Authorized Activities

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

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
NONE	TFOF	Local Area Sensing Network for FHE System Task Force	New TFOF (Local Area Sensing Network for FHE System Task Force) is approved by TC members in FHE Taiwan TC Meeting on Feb. 10, 2025.

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

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

Table 8 Authorized Ballots

<i>#</i>	<i>When</i>	<i>TF</i>	<i>Details</i>
NONE			

Table 9 SNARF(s) Granted a One-Year Extension

<i>#</i>	<i>TF</i>	<i>Title</i>	<i>Expiration Date</i>
NONE			

Table 10 SNARF(s) Abolished

<i>#</i>	<i>TF</i>	<i>Title</i>
NONE		

Table 11 Standard(s) to receive Inactive Status

<i>Standard Designation</i>	<i>Title</i>
NONE	



Table 12 New Action Items

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

Table 13 Previous Meeting Action Items

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

1. Welcome, Reminders, and Introductions

Steve Huang (AiQ) called the meeting to order at 14:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: Required Meeting Elements Nov 2022

2. Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

- Motion:** Approve the minutes as written
- By / 2nd:** Alvin Lee (Brewer Science)/Oudi Chen (ASE)
- Discussion:** NONE
- Vote:** 9-Y 0-N. Motion passed.

Attachment: FHE TC Meeting Minutes 20230519 v2

3. Liaison Reports

3.1 NA TC Chapter Flexible Hybrid Electronics Global Technical Committee

-- Nick Chen (SEMI Taiwan) reported for the North America TC Chapter Flexible Hybrid Electronics Global Technical Committee. Of note:

Last meeting: Sep. 18, 2023. Ballot Authorization #7193 (New Standard: Guide for Substrate and Interconnect Design of Flexible Hybrid Electronics) is approved for Cycle 2-2025, by GCS on 01/27/2025.

Action Item: NONE

Attachment: NA FHE Liaison Report Update Jan2025 v1

3.2 Japan TC Chapter Flexible Hybrid Electronics Global Technical Committee

-- Nick Chen (SEMI Taiwan) reported for the Japan TC Chapter Flexible Hybrid Electronics Global Technical Committee. Of note:

Last meeting: Jan. 31, 2025. Next meeting: May. 30, 2025. FHE Terminology Task Force will submit the new standard Doc.#6906 in Cycle 3, 2025. Tactile Texture Characteristics for FHE Task Force published Doc.#6978 and proposed an editorial change; the TF was designated as dormant on January 31, 2025. FHE Maintenance Task Force is conducting document maintenance and review, with the next meeting scheduled for March 4.

Authorized Ballots

#	When	TF	Details
6906	Cycle 3 2025	FHE Terminology TF	New Standard: Terminology for Flexible Hybrid Electronics

Other Activities Outside the Letter Ballot Process

#	Document Title	TC Chapter Action
FHE4-0724	Test Method and Guide for the Tactile Characteristics of Flexible Hybrid Electronics Materials and Products (Unballoted editorial changes)	Passed - To be published as it passed the following ISC A&R SC procedural review.

Action Item: NONE

Attachment: Liaison Report_FHE Japan TC Chapter February 2025_R1

4. SEMI Staff Report

Nick Chen (SEMI Taiwan) gave the SEMI Staff Report. Of note:

- 2025 Critical Dates for SEMI Standards Ballots
- Please see: https://www.semi.org/en/standards/Critical_Dates

Action Item: NONE

Attachment: FHE TC Staff Report 20250210

5. Ballot Review

NONE

6. Approve New TFOF

New TFOF (Local Area Sensing Network for FHE System Task Force) is approved by TC members in FHE Taiwan TC Meeting on Feb. 10, 2025.

Motion: Approve New TFOF (Local Area Sensing Network for FHE System Task Force)

By / 2nd: Oudi Chen (ASE)/ Bao-Jen Pong (ITRI)

Discussion: NONE

Vote: 9-Y 0-N. Motion passed.

Attachment: 1231FHE_LASN_TFOF_Dec2024_JC_BJ

7. Subcommittee and Task Force Reports

NONE

8. Old Business

NONE

9. New Business

- 8.1 TF will discuss three priorities of communication section.



10. Next Meeting and Adjournment

The next meeting is scheduled for Mar. 26, 2025. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: 14:47.

Respectfully submitted by:

Cheryl Chuang

Coordinator Specialist

SEMI Taiwan

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Minutes tentatively approved by:

Steve Huang (AiQ), Co-chair	Feb. 15, 2025
Y.E. Yeh (ASE), Co-chair	Feb. 17, 2025

Table 14 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
1_ <u>Required Meeting Elements Nov 2022</u>	5_ FHE TC Staff Report 20250210
2_ FHE TC Meeting Minutes 20230519_v2	6_1231FHE_LASN_TFOF_Dec2024_JC_BJ
3_ NA FHE Liaison Report Update_Jan2025 v1	
4_ Liaison Report_FHE Japan TC Chapter_February 2025_R1	

#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.