



## FHE Japan TC Chapter

### Meeting Summary and Minutes

Thursday, January 26, 2023, 15:00 – 17:00[JST]

OVTCCM / SEMI Japan office, Tokyo, Japan (Hybrid)

#### TC Chapter Announcements

*Next TC Chapter Meeting*

Friday, April 14, 15:00 – 17:00[JST]

OVTCCM / SEMI Japan office, Tokyo, Japan (Hybrid)

#### Table 1 Meeting Attendees

*Italics indicate virtual participants.*

**Co-Chairs:** Tadahiro Furukawa (Yamagata University) / Ryoichi Watanabe (Japan Display) / Satoshi Maeda (TOYOBO)

**SEMI Staff:** Nobuko Okayasu (SEMI Japan), Hirofumi Kanno (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Yamagata University	Furukawa	Tadahiro	<i>Innolux Japan</i>	<i>Nakagawa</i>	<i>Takanobu</i>
Japan Display	Watanabe	Ryoichi	<i>KOBE University</i>	<i>Inoue</i>	<i>Mari</i>
TOYOBO	Maeda	Satoshi	SEMI Japan	Yoshida	Akiko
<i>Yuasa System</i>	<i>Hyodo</i>	<i>Kei</i>	SEMI Japan	Kanno	Hirofumi
			SEMI Japan	Okayasu	Nobuko

#### 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>
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

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

**Table 6 Authorized Activities**

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

#	Type	SC/TF/WG	Details
-TBD	SNARF	Tactile texture characteristics for FHE TF	New Standard: Test methods for the tactile texture characteristics of FHE materials and products” with title change to “New Standard: Test method and Guide for the tactile texture characteristics of FHE materials and products”

#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
None		

**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:** 01-01\_RequiredElementNov2020Rev1-E&J-r1

## 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

**Motion:** Approve the minutes as written

**By:** Ryoichi Watanabe / Japan Display Inc.

**Second:** Satoshi Maeda / TOYOBO

**Discussion:** None

**Result:** 4-Y 0-N Voting Result: Pass - 100.00%

**Attachment:** 02-01\_221013\_FHE Japan Min\_approved

## 3 Liaison Reports

### 3.1 *FHE Taiwan TC Chapter*

Nobuko Okayasu (SEMI Japan ) reported for the FHE Taiwan TC Chapter.

**Attachment:** 03-01\_FHE TW Liaison Report\_20220629

## 4 SEMI Staff Report

Nobuko Okayasu (SEMI Japan ) gave the SEMI Staff Report.

**Attachment:** 04-01\_Staff Report Nov 2022 v5 (1)+J+HQDec2022

## 5 Ballot Review

5.1 None

## 6 Subcommittee and Task Force Reports

### 6.1 *FHE Terminology TF*

Tadahiro Furukawa (Yamagata University) reported that the TF took place on December 9 at Kobe University. The TF also took place on January 26, prior to the TC, where they decided to create the draft by assigning a task to each member.

### 6.2 *Tactile texture characteristics for FHE TF*

Tadahiro Furukawa (Yamagata University) reported that the TF took place on December 9 at Kobe University, which also intended to observe the devices. Two people from Taiwan also took part in the event. He also reported that the meeting to edit the document, which is being prepared, is to be held on March 14. The TF also took place on January 26, prior to the TC as well as the FHE Terminology TF.

## 7 Old Business

### 7.1 *Project Period Review*

None

### 7.2 *5-Year Review*

None

## 8 New Business

Satoshi Maeda (TOYOBO) told that the 2Weeks Review was completed. He required to approve some minor modifications.

**The TC Chapter approved the revised SNARF.**

**Motion:** Approve the revised SNARF

**By:** Satoshi Maeda / TOYOBO

**Second:** Ryoichi Watanabe / Japan Display

**Discussion:** No objection for 2 weeks review.

**Result:** 5-Y 0-N Voting Result: Pass - 100.00%

**Attachment:** 08-01\_SNARF\_Tactile\_texture\_characterisitic\_Rev2

## 9 Action Item Review

### 9.1 Open Action Items

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

### 9.2 New Action Items

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

## 10 Next Meeting and Adjournment

Friday, April 14, 15:00 – 17:00[JST]

OVTCCM / SEMI Japan office, Tokyo, Japan (Hybrid)

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

Adjournment: [16:21].

Respectfully submitted by:

Nobuko Okayasu

Standards & EHS

SEMI Japan

Phone: 81.3.3222.2022

Email: nokayasu@semi.org

Minutes tentatively approved by:

Tadahiro Furukawa (Yamagata University), Co-chair	
Ryoichi Watanabe (Japan Display), Co-chair	
Satoshi Maeda (TOYOBO), Co-chair	

**Table 13 Index of Available Attachments#1**

<i>Title</i>	<i>Title</i>
01-01_RequiredElementNov2020Rev1-E&J-r1	04-01_Staff Report Nov 2022 v5 (1)+J+HQDec2022
02-01_221013_FHE Japan Min_approved	08-01_SNARF_Tactile_texture_characteristic_Rev2
03-01_FHE TW Liaison Report_20220629	

#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 Nobuko Okayasu at the contact information above.