



# EHS Japan TC Chapter

## Meeting Summary and Minutes

In conjunction with SEMICON Japan 2023

Thursday, December 14, 2023 10:00 – 12:00 JST

SEMI Room 2, East Hall 8, Tokyo Big Sight, Tokyo, Japan/ Official Virtual TC Chapter Meeting (Hybrid)

### TC Chapter Announcements

*Next TC Chapter Meeting*

Wednesday, May 15, 2023 10:00-12:00 JST

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

### Table 1 Meeting Attendees

*Italics indicate virtual participants.*

**Co-Chairs:** Supika Mashiro/ Tokyo Electron, Hidetoshi Sakura/ Nuflare Technology, Moray Crawford/Hatsuta Seisakusho

**SEMI Staff:** Akiko Yoshida (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>Applied Materials Taiwan</i>	<i>Liu</i>	<i>Shane</i>	SCREEN Semiconductor Solutions	Nishimura	Takayuki
<i>Hatsuta Seisakusho</i>	<i>Crawford</i>	<i>Moray</i>	Safe Techno	Nagesh	Rao
<i>MURATA MACHINERY</i>	<i>Adachi</i>	<i>Naruto</i>	<i>Safety Guru</i>	<i>Sklar</i>	<i>Eric</i>
MURATA MACHINERY	Tominaga	Tadamasa	<i>SGS Japan</i>	<i>Abe</i>	<i>Kenichi</i>
<i>Nikon Precision</i>	<i>Girlea</i>	<i>Lucian</i>	Tokyo Electron	Hayashi	Haruna
NuFlare Technology	Sakura	Hidetoshi	Tokyo Electron	Mashiro	Supika
<i>NuFlare Technology</i>	<i>Sato</i>	<i>Yoshiyuki</i>			
<i>NuFlare Technology</i>	<i>Kakiuchi</i>	<i>Michiko</i>	SEMI Japan	Sato	Hiroshi
<i>NuFlare Technology</i>	<i>Tsukada</i>	<i>Akiko</i>	SEMI Japan	Yoshida	Akiko

### Table 2 Leadership Changes

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

### Table 3 TC Chapter 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 Ratification Ballot Results**

<i>Document #</i>	<i>Document Title</i>	<i>ISC A&amp;R Action</i>	<i>A&amp;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>

**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			

#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>

**Table 12 New Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20231214-01	SEMI Staff	To prepare Reapproval SNARF for SEMI S17-0319 by the next TC Chapter meeting.
EHS20231214-01	SEMI Staff	To prepare Reapproval SNARF for SEMI S13-0113 (Reapproved 0819) by the next TC Chapter meeting.

**Table 13 Previous Meeting Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20220908-02	JA & NA sides of Global Seismic TF leaders	To discuss the first Global TF meeting with NA Leader, Lauren Crane (Lam Research)->Open

## 1 Welcome, Reminders, and Introductions

Hidetoshi Sakura (NuFlare Technology) called the meeting to order at 10:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment:** 01\_Meeting Reminders

## 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

**Motion:** Approve the minutes with one correction.

**By / 2<sup>nd</sup>:** Supika Mashiro (Tokyo Electron)/ Tadamasu Tominaga (MURATA MACHINERY)

**Discussion:** None.

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

**Attachment:** 02\_EHS JA TC Minutes\_230907\_R2

## 3 Technical Committee Award

Eric Sklar (Safety Guru) and Naruto Adachi (Murata Machinery) received the awards for their active participation in Japan TC Chapter meetings, which resulted in valuable discussions.

## 4 Liaison Reports

### 4.1 Japan Regional Standards Committee (JRSC) Report

Hidetoshi Sakura (NuFlare Technology) reported for the JRSC that there had been no updates related to EHS from the previous meeting.

### 4.2 Global Coordinating Subcommittee (GCS) Report

Hidetoshi Sakura (NuFlare Technology) reported for the GCS that the SNARF for Revision of SEMI S10-0423 Safety Guideline for Risk Assessment and Risk Evaluation is in the process of voting by the GCS.

### 4.3 EHS North America TC Chapter

Eric Sklar (Safety Guru) and Lucian Girlea (Nikon Precision) reported for the EHS NA TC Chapter. Of note:

- Many of authorized ballots are expected to be submitted for Cycle 1, 2024 so that the voting results of them can be adjudicated at NA Spring meetings.
- There are many ongoing Line Item revision activities to SEMI S2.
- S2 Major Revision Task Force has been making progress with weekly meetings. The Task Force will submit a SNARF when anticipating a ballot ready in 6 months.



Supika Mashiro (Tokyo Electron) commented that Line Item revision and major revision cannot be conducted in parallel. All Line Item revision activities must be completed (i.e., published) or discontinued before the submission of the first Letter Ballot of S2 major revision.

**Attachment:** 03\_NA EHS TC Chapter Liaison report Sept 2023 v1\_es06sep23a

#### 4.4 EHS Taiwan TC Chapter

Akiko Yoshida (SEMI Japan) reported that there had been no updates from the previous meeting.

### 5 SEMI Staff Report

Akiko Yoshida (SEMI Japan) gave the SEMI Staff Report. Of note:

- SEMI Standards meetings have been held during SEMICON Japan 2023. As this year marks the 50th anniversary of SEMI Standards Program, it will be celebrated at the Friendship Party.
- The SEMI Standards Ballot and Voting System will be upgraded to improve performance, security, and usability, by seamlessly connecting the SEMI Standards program membership database and SEMI Virtual Meeting (SVM) system. A new online ballot system will be in full operation from Cycle 1, 2024. As it is now in the testing period, any feedback will be welcomed.

**Attachment:** 04\_Staff Report Dec 2023

### 6 Ballot Review

None.

### 7 Subcommittee and Task Force Reports

#### 7.1 Global Seismic Protection Task Force

Supika Mashiro (Tokyo Electron) reported that no TF meetings have been held.

#### 7.2 Global S23 Revision Task Force

Akiko Yoshida (SEMI Japan) reported that George Hoshi (Tokyo Electron) was supposed to report the activities according to the attachment, but he was not. As the TF report was already covered by the liaison report for the NA TC Chapter, it was omitted.

**Attachment:** 05\_2023 S23 TF Report for Japan EHS MTG 20231214

#### 7.3 S18 Revision Task Force

Supika Mashiro (Tokyo Electron) reported that there are some items to be addressed for revision. More members are welcomed to start revision work.

#### 7.4 S2 Major Revision Liaison TF Task Force

Supika Mashiro (Tokyo Electron) reported for the Task Force that there have been no meetings so far, but she would like to have a meeting before NA Spring meetings.

## 8 Old Business

### 8.1 Project Period Review

None.

### 8.2 5-year Review

Akiko Yoshida (SEMI Japan) reported that SEMI S17-0319 and S13-0113 (Reapproved 0819) are approaching the time for regular review (5-year review). Supika Mashiro (Tokyo Electron) added that the originating TC Chapter shall decide whether to ballot the Standards or Safety Guidelines for reapproval, revision, replacement, or withdrawal by the end of the fifth year after their latest publication or reapproval dates. The attendees agreed that they should be reapproved.

**Motion:** Decide to start reapproval process of SEMI S17-0319.

**By / 2<sup>nd</sup>:** Tadamasa Tominaga (MURATA MACHINERY)/ Supika Mashiro (Tokyo Electron)

**Discussion:** What is “to start reapproval process?” (Eric Sklar/ Safety Guru)

It is to decide and move forward reapproval process of the document and it may be up to the TC Chapter to make a motion to ensure the process. (Supika Mashiro/ Tokyo Electron)

**Vote:** 6-Y 0-N. Motion passed.

**Motion:** Decide to start reapproval process of S13-0113 (Reapproved 0819).

**By / 2<sup>nd</sup>:** Tadamasa Tominaga (MURATA MACHINERY)/ Takayuki Nishimura (SCREEN Semiconductor Solutions)

**Discussion:** None.

**Vote:** 6-Y 0-N. Motion passed.

## 9 New Business

None.

## 10 Action Item Review

### 10.1 Open Action Items

Item #	Assigned to	Details
EHS20220908-02	JA & NA sides of Global Seismic TF leaders	To discuss the first Global TF meeting with NA Leader, Lauren Crane (Lam Research)->Open

### 10.2 New Action Items

Item #	Assigned to	Details
EHS20231214-01	SEMI Staff	To prepare Reapproval SNARF for SEMI S17-0319 by the next TC Chapter meeting.
EHS20231214-01	SEMI Staff	To prepare Reapproval SNARF for SEMI S13-0113 (Reapproved 0819) by the next TC Chapter meeting.

## 11 Next Meeting and Adjournment

The next meeting is scheduled for Wednesday, May 15, 2024 10:00-12:00 at SEMI Japan Office, Tokyo, Japan and via OVTCCM. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: [12:00].



Respectfully submitted by:

Akiko Yoshida

Standards & EHS

SEMI Japan

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Minutes tentatively approved by:

Supika Mashiro (Tokyo Electron), Co-chair	December 26, 2023
Hidetoshi Sakura (NuFlare Technology), Co-chair	December 26, 2023
Moray Crawford (Hatsuta Seisakusho), Co-chair	December 26, 2023

**Table 14 Index of Available Attachments<sup>#1</sup>**

<i>Title</i>	<i>Title</i>
01_Meeting Reminders	04_Staff Report Dec 2023
02_EHS JA TC Minutes_230907_R2	05_2023 S23 TF Report for Japan EHS MTG 20231214
03_NA EHS TC Chapter Liaison report Dec 2023 v3_es12dec23a	

#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 Akiko Yoshida at the contact information above.