



EHS Japan TC Chapter Meeting Summary and Minutes

Japan Spring Meetings 2024
Wednesday, May 15, 2024 10:00-12:00 JST
SEMI Japan Office, Tokyo, Japan/ OVTCCM (Hybrid)

TC Chapter Announcements

Next TC Chapter Meeting

Wednesday, September 11 2024 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: Hiroshi Sato (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>DAIFUKU</i>	<i>Suzuki</i>	<i>Tomoko</i>	<i>SGS Japan</i>	<i>Abe</i>	<i>Kenichi</i>
<i>Hatsuta Seisakusho</i>	<i>Crawford</i>	<i>Moray</i>	<i>Teradyne</i>	<i>Kim</i>	<i>JJ</i>
<i>MURATA MACHINERY</i>	<i>Adachi</i>	<i>Naruto</i>	<i>Tokyo Electron</i>	<i>Hoshi</i>	<i>George</i>
<i>Nikon Precision</i>	<i>Girlea</i>	<i>Lucian</i>	<i>Tokyo Electron</i>	<i>Hama</i>	<i>Naoya</i>
<i>NuFlare Technology</i>	<i>Sakura</i>	<i>Hidetoshi</i>	<i>Tokyo Electron</i>	<i>Mashiro</i>	<i>Supika</i>
<i>NuFlare Technology</i>	<i>Kakiuchi</i>	<i>Michiko</i>	<i>Tokyo Electron</i>	<i>Tomita</i>	<i>Yugo</i>
<i>NuFlare Technology</i>	<i>Tsukada</i>	<i>Akiko</i>			
<i>Organo</i>	<i>Futatsuki</i>	<i>Takashi</i>	SEMI Japan	Kanno	Hirofumi
<i>SCREEN Semiconductor Solutions</i>	<i>Nishimura</i>	<i>Takayuki</i>	SEMI Japan	Sato	Hiroshi
<i>Safety Guru</i>	<i>Sklar</i>	<i>Eric</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&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>
7243	SNARF	Japan TC Chapter of EHS Global TC	Reapproval of SEMI S13-0113 (Reapproved 0819), ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR DOCUMENTS PROVIDED TO THE EQUIPMENT USER FOR USE WITH MANUFACTURING EQUIPMENT
7244	SNARF	Japan TC Chapter of EHS Global TC	Reapproval of SEMI S17-0319, SAFETY GUIDELINE FOR UNMANNED TRANSPORT VEHICLE (UTV) SYSTEM

#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>
7243	Cycle 5	Japan TC Chapter of EHS Global TC	Reapproval of SEMI S13-0113 (Reapproved 0819), ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR DOCUMENTS PROVIDED TO THE EQUIPMENT USER FOR USE WITH MANUFACTURING EQUIPMENT
7244	Cycle 5	Japan TC Chapter of EHS Global TC	Reapproval of SEMI S17-0319, SAFETY GUIDELINE FOR UNMANNED TRANSPORT VEHICLE (UTV) SYSTEM

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>
None		

Table 13 Previous Meeting Action Items

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

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 / 2nd: Takayuki Nishimura (SCREEN Semiconductor Solution Co., Ltd.) / Lucian Girlea (Nikon Precision Inc.)

Discussion: None.

Vote: 8-Y 0-N. Motion passed.

Attachment: 02_EHS JA TC Minutes_231214_R1

3 Liaison Reports

3.1 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.

3.2 Global Coordinating Subcommittee (GCS) Report

Hidetoshi Sakura (NuFlare Technology) reported for the GCS that no GCS activities have taken place since the December meeting.

3.3 EHS North America TC Chapter

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

- Three S2 ballots passed TC review at NA Spring Meetings including technical changes. The ratification ballots were issued in cycle 4-24.
- There are ongoing Line Item revision activities related to SEMI S2.

Attachment: 03_NA EHS TC Chapter Liaison report May2024

3.4 EHS Taiwan TC Chapter

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

3.5 Korea CFG Report

Hiroshi Sato reported that the Chapter Formation Group (CFG) of Korea was formed and had kick-off meeting on April 29 after two preparatory meetings.

Attachment: 04_Liaison report_Korea_EHS_Mar2024

4 SEMI Staff Report

Hiroshi Sato (SEMI Japan) gave the SEMI Staff Report. Of note:

- New online voting system went live for Cycle 3, 2024. This integrates and streamlines sign-in process with various SEMI/Standards member services, and improves data management for SEMI internal database. It is also expected to bring updated user interface while maintaining functionality that's familiar to voters.
- SEMI Standards Regulations and Procedure Manual were updated in February 2024. They are available at www.semi.org/standards (under Tools for Developing Standards).
- TFs have one year from 02/20/24 to implement use of Connect@SEMI (<https://connect.semi.org>) for TF management and document development depository. Once TFs have implemented use of Connect@SEMI, they shall use it to: maintain the TF member roster up to date, share the working drafts in PDF, and distribute the Draft Document at least one week before ballot submission to SEMI.
- Meeting Required Elements have been updated to include notice on confidential information.

Attachment: 05_Staff Report March 2024

5 Ballot Review

None.

6 Subcommittee and Task Force Reports

6.1 Global Seismic Protection Task Force

Supika Mashiro (Tokyo Electron) reported there has been no TF activities. If anyone is interested in the activities, please contact the TF leader.

6.2 Global S23 Revision Task Force

George Hoshi (Tokyo Electron) reported that meetings have focused on continued review of the SEMATECH "Application Guide and Total Equivalent Energy (TEE) CalcII User's Guide" - Technology Transfer #06094783D-ENG and identifying information that we would like to include in the S23 RI x. Drafting document is almost complete. He also said that he would give an overview of the SEMI S23 presentation next month in Taiwan.

Attachment: 06_TF Report for EHS Meetings S23 20240515

6.3 S18 Revision Task Force

Supika Mashiro (Tokyo Electron) reported that there has been no activity since the last meeting, but the TF would like to restart activity within three months.



6.4 S2 Major Revision Liaison Task Force

Supika Mashiro (Tokyo Electron) reported there has been no TF activities. If anyone is interested in the activities or has any concerns to S2 Major Revision TF, please contact the TF leader.

7 Old Business

7.1 Project Period Review

None.

7.2 5-year Review

Hiroshi Sato (SEMI Japan) reported that based on the minutes of the previous meeting, SEMI S17-0319 and S13-0113 (Reapproved 0819) needed to be addressed. These SNARFs were discussed and it was decided that reapproval ballots would be submitted for Cycle 5 in 2024.

Motion: Approve the SNARF for SEMI S17-0319 Reapproval.
By / 2nd: Takayuki Nishimura (SCREEN Semiconductor Solution Co., Ltd.) / Supika Mashiro (Tokyo Electron Ltd.)
Discussion: None
Vote: 9-Y 0-N. Motion passed.

Motion: Approve the SNARF for S13-0113 (Reapproved 0819) Reapproval
By / 2nd: Takayuki Nishimura (SCREEN Semiconductor Solution Co., Ltd.) / Supika Mashiro (Tokyo Electron Ltd.)
Discussion: None.
Vote: 10-Y 0-N. Motion passed.

Attachment: 07_SNARF_Reapproval_SEMI S13-0113 (Reapproved 0819) _R0, 08_SNARF_Reapproval_SEMI S17-0319_R0

8 New Business

None.

9 Action Item Review

9.1 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
EHS20231214-01	SEMI Staff	To prepare Reapproval SNARF for SEMI S17-0319 by the next TC Chapter meeting. →Closed
EHS20231214-01	SEMI Staff	To prepare Reapproval SNARF for SEMI S13-0113 (Reapproved 0819) by the next TC Chapter meeting. →Closed

9.2 New Action Items

Item #	Assigned to	Details
EHS20240515-01	EHS Japan TC Chapter	To submit S13 and S17 Reapproval ballots for Cycle 5 2024



10 Next Meeting and Adjournment

The next meeting is scheduled for September 11, 2024, 10:00-12:00(JST) at SEMI Japan Office, Tokyo, Japan and via OVTCCM. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: [12:20].

Respectfully submitted by:

Hiroshi Sato

Standards & EHS

SEMI Japan

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Minutes tentatively approved by:

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

Table 14 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
01_Meeting Reminders	06_TF Report for EHS Meetings S23 20240515
02_EHS JA TC Minutes_20231214_R1	07_SNARF_Reapproval_SEMI S13-0113 (Reapproved 0819)_R0
03_NA EHS TC Chapter Liaison report May2024	08_SNARF_Reapproval_SEMI S17-0319_R0
04_Liaison report_Korea_EHS_Mar2024	
05_Staff Report March 2024	

^{#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 Akiko Yoshida at the contact information above.