



## EHS Japan TC Chapter Meeting Summary and Minutes

SEMICON Japan 2016

December 16 2016, <10:00> – <end [14:00]>

Conference Tower Tokyo Big Sight, Tokyo

TC Chapter Announcements

Next TC Chapter Meeting

Tuesday April 25 2017, 10:00 – 17:30

SEMI Japan Office, Ichigaya, Tokyo, Japan

### Table 1 Meeting Attendees

*Italics indicate virtual participants*

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

**SEMI Staff:** Junko Collins

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Tokyo Electron	Hoshi	George	Murata Machinery	Tominaga	Tadamasa
SCREEN Business Support Solutions	Nishiguchi	Naokatsu	Salus Engineering	Visty	John
Tokyo Electron	Crane	Lauren	Safe Techno	Nogami	Kaoru
QSES	Hahimoto	Miki	NSS	Norman	Douglas
NSS	Sano	Tomokatsu	Panasonic	Sugihara	Kenji
SCREEN Semiconductor Solutions	Takasaki	Yoshihisa	Applied Materials Japan	Endo	Hiroshi
Tokyo Electron	Horiguchi	Takashiro	NuFlare	Sakura	Hidetoshi
HATSUTA	Crawford	Moray	Daifuku	Hosaka	Yoshihiro
	Rutherford	George	Tokyo Electron	Tsuru	Mark
Tokyo Electron *Via phone (GOTOMeeting)	Mashiro	Supika	SEMI China	Sophia	Huang
SEMI Japan	Collins	Junko			

### Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
Seismic Protection Task force	Naokatsu Nishiguchi/ Screen Business Support Solutions	TBD

### Table 3 Committee Structure Changes :None

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>



**Table 4 Ballot Results: No ballot review**

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>

#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 prior to the Originating TC Chapter meeting: None**

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>

**Table 6 Authorized Activities**

Listing of all revised or new SNARF(s) approved by the Originating TC Chapter: None

<i>#</i>	<i>SC/TF/WG</i>	<i>Details</i>

#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: None**

<i>#</i>	<i>When</i>	<i>TF</i>	<i>Details</i>



**Table 8 SNARF(s) Granted a One-Year Extension: None**

#	TF	Title	Expiration Date

**Table 9 SNARF(s) Abolished: None**

#	TF	Title

**Table 10 Standard(s) to receive Inactive Status: None**

Standard Designation	Title
SEMI S24-0306 (Reapproved 0811)	Safety Guideline for Multi-Employer Work Areas

**Table 11 New Action Items:**

Item #	Assigned to	Details
EHS161216-01	Junko Collins	To report to James about an announcement of EHS Taiwan TC chapter meeting (April, 2016) to all Global EHS Technical Committee members
EHS161216-02	Junko Collins/ TC Chapter Chair	5-year Review: To create the SNARF for reapproval of SEMI S17, S18 and S21 by the next TC Chapter Meeting
EHS161216-03	George Hoshi/ GHG Emission Characterization TF	5-year Review: To discuss on this document to be revised or to be reapproved

**Table 12 Previous Meeting Action Items**

Item #	Assigned to	Details
EHS150924-03	Junko Collins	To include the Delayed Revision sections in tables of contents for Documents that apply with the understanding that SEMI Staff will update the TOCs to actually reflect the contents of the Documents (open)
EHS160419-03	Junko Collins	To check if Taiwan are announcing their EHS Taiwan TC meetings to all EHS TC members (changed action item to EHS161216-01)
EHS160628-01	Junko Collins	Submit 5947A A&R report to A&R (done)
EHS160628-02	Junko Collins	Submit 5556B A&R report to A&R (done)
EHS160628-03	TF/staff	TF Submit Ratification ballot 5947A to SEMI (done) Staff submit the ballot to cycle 7 (done)
EHS160628-04	TF/staff	Submit Ratification ballot 5947A to SEMI (done) Staff submit the ballot to cycle 7 (done)
EHS160628-05	Sano-san	To draft appropriate Japanese translation (done, activity started)



## 1 Welcome, Reminders, and Introductions

Moray Crawford (Hatsuda Seisakusho) 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:** Required\_Elements\_Reg\_20150327\_E+J\_2016NewStdTemplate

## 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

**Motion:** To approve the meeting minutes on June 28.

**By / 2<sup>nd</sup>:** Lauren Crane (TEL) / Tominaga (Murata Machinery)

**Discussion:**

**Vote:** 15/0

## 3 Liaison Reports

### 3.1 EHS NA TC Chapter

Lauren Crane (TEL) reported for the EHS NA TC Chapter. Of note, the Ladder task force will be disbanded.

**Action Item:** No action item

**Attachment:** EHS NA TC Liaison report 11152016

### 3.2 EHS Taiwan TC Chapter

See the attached report.

**Action Item:** No action item

**Attachment:** Taiwan EHS Standards Committee Liaison Report Nov 2016

### 3.3 SEMI Staff Report

Junko Collins (SEMI) gave the SEMI Staff Report. See attachment.

**Action Item:** No action item

**Attachment:** SEMI Staff Report 20161211\_v1.1

## 4 Subcommittee and Task Force Reports

### 4.1 Global S23 Revision Task Force

George Hoshi (TEL) reported for the S23 Revision Task Force. This report contained information on introduction of new SNARF for revision to S23, adding the guide for Co2 equivalent conversion (line item).

This proposal will be discussed by the Global 23 Revision Task Force members in order for getting a consensus among the task force.

No motion during this task force report



**Motion:**

**By / 2<sup>nd</sup>:**

**Discussion:**

**Vote:**

**Action Item:** No action item

**Attachment:** S23 CO2eq SNARF Dec2016 R0.1

#### 4.2 *Seismic* Protection Task Force

Naokatsu Nishiguchi (Screen Business Support Solutions) reported for the Seismic Protection Task Force. This report contained information on candidate of new task force leader. Tominaga-san (Murata Machinery) was recommended to be a leader during this meeting. Supika Mashiro (TEL) stated she would strongly support Tadamasu Tominaga (Murata Machinery) if he accepted to be leader of this task force as a successor of N. Nishiguchi.

No motion during this task force report

**Motion:**

**By / 2<sup>nd</sup>:**

**Discussion:**

**Vote:**

**Action Item:** No action item

**Attachment:** Seismic Protection TF Report 20161216

#### 4.3 STEP S2 Working Group

Kenji Sugihara (Panasonic) reported for the STEP S2 Working Group. This report contained information on result of the STEP S2 held on November 24. The STEP S2 seminar was held successfully.

**Action Item:** No action item

**Attachment:** STEP\_S\_Suvery Summary 161122

#### 4.4 Five-year Review

Checking the list with all participants, the TC Chapter decided to issue the reapproval ballot with respect to SEMI S17, S18 and S21. With respect to S29, the GHG Emission Characterization TF will discuss about future document status. In addition, S24 is in inactive status.

**Action Item:** G. Hoshi to discuss this topic with the GHG Emission Characterization Task Force members  
J. Collins to make SNARF for S17, S18 and S21 with co-chairs

**Attachment:** 5-year Review List (EHS)\_2016.12.16

#### 4.5 Project Period Check (SNARF)

All participants checked the list and confirmed that there is no SNARF to be extended the period.

**Action Item:** No action item

**Attachment:** EHS Project Period Review 2016.12.06



## 5 Old Business

### 5.1 Action item review from the last meeting

All participants checked the previous action times. See the list in above.

**Action Item:** See the list.

**Attachment:** None

## 6 New Business

### 6.1 Disapproval Comments to R5559B

Naokatsu Nishiguchi addressed the committee on this topic. He introduced the Task Force recommended actions to eight disapproval comments received. The Task Force recommended all items except the first and the sixth comments should be treated as new business. See details in the attachment “Seismic Protection TF Ratification Ballot Dissapproval Votes Review\_ 20161216”

**Action Item:**

**Attachment:** Seismic Protection TF Ratification Ballot Dissapproval Votes Review\_ 20161216

## 7 Next Meeting and Adjournment

The next meeting is scheduled for 10:00-11:30, April 25, Tuesday, 2017 at a meeting room, SEMI Japan Office. See <http://www.semi.org/en/events> for the current list of meeting schedules.

Having no further business, a motion was made to adjourn. Adjournment was at 14:00.

Respectfully submitted by:

<name>

<title>

SEMI <region>

Phone: <#>

Email: <address>

Minutes tentatively approved by:

<Name> (<Company>), Co-chair	<Date approved>
<Name> (<Company>), Co-chair	<Date approved>

**Table 13 Index of Available Attachments<sup>#1</sup>**

<i>Title</i>	<i>Title</i>




#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 [SEMI Staff Name] at the contact information above.