



EHS Japan TC Chapter Meeting Summary and Minutes

Standards Spring Meetings
Tuesday, April 19, 2016, 13:30-17:00
SEMI Japan Office, Tokyo, Japan

Next TC Chapter Meeting
June 28, 2016, 08:00-17:00
SEMI Japan, Tokyo, Japan

Table 1 Meeting Attendees

Co-Chairs: Hidetoshi Sakura (Intel), Moray Crawford (Hatsuta Seisakusho), Supika Mashiro (Tokyo Electron)

SEMI Staff: Junko Collins (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Intel	Sakura	Hidetoshi	Hatsuta	Crawford	Moray
Tokyo Electron	Mashiro	Supika	Panasonic	Sugihara	Kenji
SCREEN Business Support Solutions	Nishiguchi	Naokatsu	Safetechno	Nogawa	Kaoru
Murata Machinery	Tominaga	Tadamasa	NSS	Kunitake	Nobuyuki
Cosmos Corporation	Fujita	Takuma	Daifuku	Hosaka	Yoshihiro
SEMI Japan	Collins	Junko			

Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>

No changes

Table 3 Ballot Results

Doc.5972: Reapproval of SEMI S19-0311 Safety Guideline for Training of Manufacturing Equipment Installation, Maintenance and Service Personnel passed

Table 4 Authorized Ballots

None

Table 5 Authorized Activities

None

Table 6 Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>	<i>Status</i>
New Action Items from this meeting			
EHS160419-01	Junko Collins	To correct name of Seismic Protection Task Force Leader and SNARF 5556	
EHS160419-02	Junko Collins	To check approval status of consolidation of task forces and subcommittee under Taiwan TC Chapter	
EHS160419-03	Junko Collins	To check if Taiwan are announcing their EHS Taiwan TC meetings to all EHS TC members	
EHS160419-04	STEP S2 WG	To plan and prepare STEP S2 in October or November	
EHS160419-05	Junko Collins	To submit ballot report for Doc. 5972 to A&R	
Action items from previous meetings			
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
EHS151218-01	Gorge Hoshi	To discuss what must be done as SEMI Standards Task Force among leadership of the GHG Emission Characterization Task Force	Open
EHS151218-02	TC Chapter	To discuss S24 whether or not be reapproval or inactive at the next TC chapter meeting (on April 19)	Open



1 Welcome, Reminders, and Introductions

Moray Crawford, committee co-chair, called the meeting to order at 13:30. Self-introductions were made followed by the agenda review.

2 Required Meeting Elements

The meeting reminders on program membership requirement, antitrust issues, intellectual property issues and international effective meeting guidelines, were reviewed by SEMI staff, Junko Collins.

Attachment: 2.0_Required_Elements_Reg_20150327_E+J

3 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting held on December 18, 2015. The minutes was approved with several editorial changes.

Motion: To approve the minutes of the previous meeting with several editorial changes.

By / 2nd: Kenji Sugihara (Panasonic) / Naokatsu Nishiguchi (SCREEN Business Support Solutions)

Discussion:

Vote: 9/0 in favor and 0 opposed. **Motion passed**

Attachment: 03.0_Minutes_151218_EHS_R0.1a

4 SEMI Staff Report

Junko Collins gave the SEMI staff report. This report included SEMI Global 2015 Calendar of Events, Global Standards Meeting Schedule, 2016 Critical Dates for SEMI Standards Ballots, SEMI Standards Publication, A&R Ballot Review and Contact Information.

Attachment: 04.0_SEMI Staff Report 20160415_v1.1a

5 Ballot Review

5.1 Doc.5972: Reapproval of SEMI S19-0311 Safety Guideline for Training of Manufacturing Equipment Installation, Maintenance and Service Personnel

5.1.1 Ballot passed. See detailed in the attachment.

Attachment: 05.1_5972_Ballot report template with Technical Change Rev1.11

05.1_Safety Check List for SEMI Draft Document 5972

6 Liaison Reports

6.1 Japan Regional Standards Committee (JRSC)

6.1.1 Hidetoshi Sakura reported. There was no special report at this meeting.

6.2 Global Coordinating Subcommittee (GCS)

6.2.1 Followings are reported by TC chapter chairs for the Global Coordinating Subcommittee (GCS).

6.2.1.1 GCS approval between the last meeting and this meeting

- TFOF
 - None
- SNARF
 - The following SNARFs from NA TC Chapter were approved by GCS.
 - Line Item Changes to SEMI S2 pertaining to Fire
 - Line Item Changes to SEMI S14 pertaining to alignment with SEMI S10
- Letter Ballot Submission
 - The following ballot submission was approved by the GCS
 - Doc.5947A: Revision to SEMI S23-0813 with title change to "Guide for Energy, Utilities and Materials Use Efficiency of Semiconductor Manufacturing Equipment" for cycle 4, 2016

6.3 North America EHS Committee Report

Supika Mashiro reported as the attachment, of note:

- Energetic Task Force is very active.
- The TC Chapter voted inactive of S27-0310.
- Some members concerned with respect to revision to S6 activity at the meeting on September 24 and Supika Mashiro took action item to call for members for working on creating the realistic S6 scenario. She asked NA S6 Revision Task force to update their activities with written materials but there was no response. Under such condition, action items EHS150924-04 and EHS 150924-05 were closed at this meeting.

Attachment: 06.3_EHS NA TC Chapter Liaison Report April 2016

6.4 Taiwan EHS Committee

6.4.1 Junko Collins reported for the Taiwan TC Chapter. This report included Organization Chart, Meeting Information and Contact Information. Of note;

Consolidation of task forces and subcommittee was reported

- No TFOF submission was pointed out at this meeting. Staff will investigate the status and report it to chairs for appropriate action if necessary.

Attachment: 06.4_Taiwan EHS Liaison Report April 2016-Modified

7 Subcommittee & Task Force Reports

7.1 S23 Revision Global Task Force

7.1.1 Supika Mashiro on behalf of Gorge Hoshi reported for the S23 Revision Global Task Force. Of note,

- The Task Force submitted Doc.5947A: Revision to SEMI S23-0813 with title change to "Guide for Energy, Utilities and Materials Use Efficiency of Semiconductor Manufacturing Equipment" to Cycle 4 of 2016.

Attachment: 07.1_S23 GTF Report US Spring meetings 2016

7.2 FPD System Safety Task Force

7.2.1 Naokatsu Nishiguchi gave report as the attached file. Of note:

- According to HQ publication staff, S26 will be published in this April

Attachment: 07.2_FPD System Safety TF Report 20160419

7.3 GHG Emission Characterization Task Force

7.3.1 Supika Mashiro on behalf of Gorge Hoshi reported.

- Currently there is no progress on coordination among leaders regarding continuation of the task force. This will be addressed after completion of revision to S23 activity (Doc.5947 currently B)

Action Item: None

7.4 Seismic Protection Task Force

7.4.1 Naokatsu Nichiguchi reported on the progress for the Seismic Protection Task Force as attachment. Of note,

- The task force submitted Doc. 5556B: Line Item Revision to SEMI S2-0715, Environmental, Health, and Safety Guideline for Semiconductor Manufacturing Equipment (Delayed Revisions Related to Section 19 Seismic Protection) Failed at this meeting to Cycle 4 of 2016

Attachment: 07.4_Seismic Protection TF Report 20160419

7.5 STEP Planning Working Group

7.5.1 Kenji Sugihara reported for the STEP Planning Working Group. Survey result of STEP S2 was introduced and overall feedback was very positive

7.5.2 Planning Group proposed to hold STEP S2 fall in 2016 and it was approved as below.

- Date will be discussed with working group and SEMI staff.

Motion:	To approve hold the STEP S2 autumn in 2016.
By / 2nd:	Kenji Sugihara (Panasonic) /Moray Crawford (Hatsuta)
Discussion:	Currently target of this STEP S2 is beginners but intermediate class may be possible to be addressed.
Vote:	9/00, Motion passed

Attachment: 07.5_STEP_S2_151120_R1.1

7.6 SDRCM (S Documents REG-PG-SM Conformance Maintenance) TF

7.6.1 Supika Mashiro reported for the SDRCM TF activities. No special update at this meeting.

Attachment: None

7.7 TC Chapter Project

7.7.1 Junko Collins gave report regarding 3-year Project Period

- SNARF 5556 is extended one year in 2015. This will be discussed at the next TC Chapter meeting if 5556B can not pass the TC Chapter review in June.

Attachment: 07.71_EHS Project Period Review 2016.04.18

7.7.2 Junko Collins gave report on Consideration of 5-year Review

- SEMI S24-0306 (Reapproved 0811) should be discussed at the next TC Chapter meeting in June. Gorge Hoshi is currently coordinating with related people.

Attachment: 07.72_5-year Review List (EHS)_2016.04.19

8 Old Business

8.1 *Previous Meeting Action Items*

All attendees reviewed the previous meeting action items.

Table 7 Previous Meeting Actions Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>	<i>Status</i>
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
EHS150924-04	Supika Mashiro	To make announcement to call for members of Realistic S6 Scenario Study Group.	Closed
EHS150924-05	Junko Collins	To contact ESG to call for members in above.	Closed
EHS151218-01	Gorge Hoshi	To discuss what must be done as SEMI Standards Task Force among leadership of the GHG Emission Characterization Task Force	Open
EHS151218-02	TC Chapter	To discuss S24 whether or not be reapproval or inactive at the next TC chapter meeting (on April 19)	Open
EHS151218-03	Junko Collins	To submit reapproval ballot for Cycle 1	Closed
EHS151218-04	Global S23 Revision TF	To submit Doc. 5947A to earliest possible Cycle	Closed
EHS151218-05	Seismic Protection TF	To submit Doc. 5556B to earliest possible Cycle	Closed

9 New Business

None

10 Action Item Review

10.1 New Action Items

All attendees reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

New Action Items

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EHS160419-01	Junko Collins	To correct name of Seismic Protection Task Force Leader and SNARF 5556	
EHS160419-02	Junko Collins	To check approval status of consolidation of task forces and subcommittee under Taiwan TC Chapter	
EHS160419-03	Junko Collins	To check if Taiwan are announcing their EHS Taiwan TC meetings to all EHS TC members	
EHS160419-04	STEP S2 WG	To plan and prepare STEP S2 in October or November	
EHS160419-05	Junko Collins	To submit ballot report for Doc. 5972 to A&R	



11 Next Meeting and Adjournment

The next meeting of the EHS Japan TC Chapter was scheduled on June 28, 08:00-17:00, 2016, SEMI Japan office, Tokyo, Japan.

Respectfully submitted by:
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Minutes approved by:

Supika Mashiro (Tokyo Electron), Co-chair	April 19, 2016
Hidetoshi Sakura (Intel), Co-chair	April 19, 2016
Moray Crawford (Hatsuta Seisakusho), Co-chair	April 20, 2016