

Japan EHS Committee Meeting Summary and Minutes

SEMI Japan Standards Fall 2012 Meetings
Tuesday, September 25, 2012 13:40-17:30
SEMI Japan, Tokyo, Japan

Next Committee Meeting

Friday, December 7, 2012, 10:00-13:00
SEMICON Japan 2012, Makuhari Messe, Chiba, Japan

Table 1 Meeting Attendees

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

SEMI Staff: Naoko Tejima (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Hatsuta Seisakusho	Crawford	Moray	SOKUDO	Nakatani	Eiji
TÜV Rheinland Japan	Hamano	Yuji	Tokyo Electron	Nanbu	Mitsuju
Tokyo Electron	Hoshi	Geroge	Dainippon Screen Manufacturing	Nishiguchi	Naokatsu
Tokyo Electron	Ibuka	Shigehito	Intel	Sakura	Hidetoshi
NSS	Kunitake	Nobuyuki	TÜV SÜD Japan	Sekiguchi	Yuichi
Tokyo Electron	Mashiro	Supika	Panasonic	Sugihara	Kenji
Murata Machinery	Nakashima	Norio	SEMI Japan	Tejima	Naoko

** alphabetical order by last name*

Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>
S23 Revision Task Force	Shigehito Ibuka (Tokyo Electron)	George Hoshi (Tokyo Electron)
GHG Emission Characterization Task Force	Shigehito Ibuka (Tokyo Electron)	George Hoshi (Tokyo Electron)

Table 3 Ballot Results

Passed ballots and line items will be forwarded to the ISC Audit & Review Subcommittee for procedural review.

Failed ballots and line items were returned to the originating task forces for re-work and re-balloting.

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
4976C	Revision to SEMI S13-0305, Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use with Semiconductor Manufacturing Equipment with Title Change to: Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use with Manufacturing Equipment	Passed as balloted
5353	Line Item Revision to SEMI S17-0311, Safety Guideline for Unmanned Transport Vehicle (UTV) System	Passed with editorial changes

Table 4 Authorized Ballots

None

Table 5 Authorized Activities

<i>Document #</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
--	SNARF	S23 Revision Task Force	Revision to SEMI S23-0311

Note: SNARFs and TFOFs are available for review on the SEMI Web site at:
<http://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARF>

Table 6 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS120419-05	STEP Planning Working Group	To hold STEP/ SEMI S2 in fall.
EHS120419-06	SJ12 Program Planning Group	To hold a safety related program during SEMICON Japan 2012.
EHS120925-01	SEMI Staff	To forward adjudication result of Doc.#4976C to the ISC A&R Subcommittee for procedural review..
EHS120925-02	SEMI Staff	To forward adjudication result of Doc.#5353 to the ISC A&R Subcommittee for procedural review.
EHS120925-03	Seismic Protection Task Force	To submit SNARF at the next committee meeting.

1 Welcome, Reminders, and Introductions

Hidetoshi Sakura, committee co-chair, called the meeting to order at 13:40. Self-introductions were made followed by the agenda review.

2 Required Meeting Elements

The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed by SEMI staff, Naoko Tejima.

3 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting held on April 19, 2012.

- Motion:** To approve the minutes of the previous meeting as submitted.
- By / 2nd:** Shigehito Ibuka (Tokyo Electron) / Moray Crawford (Hatsuta Seisakusho)
- Discussion:** None.
- Vote:** 11 in favor and 0 opposed. **Motion passed.**
- Attachment:** 01_JA_EHS_Previous_Mtg_Minutes_120925

4 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included SEMI Global 2012 Calendar of Events, Standards Meeting Schedule in Future, SEMICON Japan 2012, 2012 Critical Dates for SEMI Standards Ballots, SEMI Standards Publications, A&R Recent Review Cycles, Introduction of GoToMeeting, JRSC Planning Meeting and Contact Information.

- Attachment:** 02_SEMI_Staff_Report_120925

5 Liaison Reports

5.1 Japan Regional Standards Committee (JRSC)

Hidetoshi Sakura reported for the Japan Regional Standards Committee (JRSC) that there were no particular things should be reported.

5.2 Global Coordinating Subcommittee (GCS)

No report was provided.

Hidetoshi Sakura reported for the Global Coordinating Subcommittee (GCS) that GCS meetings and approvals have not been made in between today from the previous committee meeting.

5.3 North America EHS Committee

Naoko Tejima reported for the North America EHS Committee. This report included Task Force and Leadership changes, leadership, current committee organization chart, meeting information, publication information, document review summary of SEMICON West, new and updated TFOFs/SNARFs, ballots to be reviewed at NA Fall 2012 Meetings, other committee activities, NA Fall EHS Meetings schedule NA Fall 2012 Meetings. Of note:

- Fail-Safe / Fault-Tolerant Task Force (Leaders: Lauren Crane (KLA-Tencor) / Chris Evanston (Salus) was set up.
- As TF leaders of S6 Revision TF, John Visty (Salus) and Glenn Holbrook (TUV SUD) have been newly appointed.

Attachment: 03_NA_EHS_Report_September2012_120925

5.4 Europe EHS Committee

No report was provided.

5.5 Taiwan EHS Committee

No report was provided.

5.6 Korea EHS Working Group

No Report was provided.

6 Ballot Review

6.1 *Doc.#4976C, Revision to SEMI S13-0305, Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use with Semiconductor Manufacturing Equipment with Title Change to: Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use with Manufacturing Equipment*

This document passed committee review as balloted and will be forwarded to the ISC A&R SC for procedural review.

Action Item: SEMI staff to forward adjudication result of Doc.#4976C to the ISC A&R Subcommittee for procedural review.

Attachment: 04_Ballot_Report_for_4976C_120925

6.2 *Doc.#5353, Line Item Revision to SEMI S17-0311, Safety Guideline for Unmanned Transport Vehicle (UTV) System*

This document passed committee review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.

Action Item: SEMI staff to forward adjudication result of Doc.#5353 to the ISC A&R Subcommittee for procedural review.

Attachment: 05_Ballot_Report_for_5353_120925

7 Subcommittee & Task Force Reports

7.1 S13 Revision Task Force

Shigehito Ibuka reported for the S13 Revision Task Force. Of note:

- *Doc.#4976C, Revision to SEMI S13-0305, Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use with Semiconductor Manufacturing Equipment with Title Change to: Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use with Manufacturing Equipment* passed committee review as previously discussed. (See 6.1).
- The document was translated in Japanese and sent to SEMI.

7.2 S17 Revision Task Force

Norio Nakashima reported for the S17 Revision Task Force. Of note:

- *Doc.#5353, Line Item Revision to SEMI S17-0311, Safety Guideline for Unmanned Transport Vehicle (UTV) System* passed committee review with editorial changes as previously discussed. (See 6.2).
- The Task Force is looking for the co-leader since Mr. Shigehito Ibuka (Tokyo Electron) stepped down..

7.3 S18 Revision Task Force

Supika Mashiro reported for the S18 Revision Task Force that there were not particular activities.

7.4 S23 Revision Task Force

Shigehito Ibuka reported for the S23 Revision Task Force. Of note:

- Shigehito Ibuka (Tokyo Electron) stepped down as a co-leader of the S23 Revision TF. George Hoshi (Tokyo Electron) has been appointed as a new co-leader. Lauren Crane (KLA Tencor) Currently remains as co-leader.
- The TF agreed to follow two subjects.
 1. To develop “Energy Evaluation Procedure of Temperature Control Unit (Local Chiller) “ as R2-3
 2. To reconsider the ECF for exhaustDraft of the above 1 will be developed in Japan and the above 2 will be developed in NA.
- Each activities will be introduced at the TF meeting in NA Fall meetings and they will be combined in a document. TF will draft the document for next revision ballot globally.
- A new SNARF “Revision to SEMI S23-0311” was presented to the committee for approval. Document Title will be decided after the further discussion.

Motion: To approve to change the TF leader from Shigehito Ibuka (Tokyo Electron) to Geroge Hoshi (Tokyo Electorn)

By / 2nd: Shigehito Ibuka (Tokyo Electron) / Supika Mshiro (Tokyo Electron)

Discussion: None

Vote: 11 in favor and 0 opposed. **Motion passed.**

Motion: To approve a new SNARF to revise SEMI S23-0311

By / 2nd: Shigehito Ibuka (Tokyo Electron) / Eiji Nakatani (SOKUDO)

Discussion: None.

Vote: 11 in favor and 0 opposed. **Motion passed.**

Attachment: 06_S23_Rev_TF_Report_120925

07_SNARF_for_S23_Revision_TF_120925

7.5 FPD System Safety Task Force

Naokatsu Nishiguchi reported for the FPD System Safety Task Force. The Task Force currently has no activity.

7.6 GHG Emission Characterization Task Force

Shigehito Ibuka reported for the GHG Emission Characterization Task Force. Of note:

- Shigehito Ibuka (Tokyo Electron) stepped down as a co-leader of the GHG Emission Characterization TF. George Hoshi (Tokyo Electron) has been appointed as a new co-leader. Minoru Kagino (Toshiba) currently remains as a co-leader.
- S29-0712 “Guide for F-GHG Emission Characterization and Reduction” was published. The TF will discuss how to disseminate and improve it as the next step at the next meeting which is scheduled December 14.

Motion: Approve to change the TF leader from Shigehito Ibuka (Tokyo Electron) to George Hoshi (Tokyo Electron)

By / 2nd: Shigehito Ibuka (Tokyo Electron) / Eiji Nakatani (SOKUDO)

Discussion: None

Vote: 11 in favor and 0 opposed. **Motion passed.**

Attachment: 08_GHG_TF_Report_12092

7.7 Seismic Protection Task Force

Eiji Nakatani reported for the Seismic Protection Task Force. Of note:

- In the discussion so far, TF agreed that the seismic calculation and parameter should be based on FEMA450 in the revised version, since the criteria in current S2 for seismic protection were based on UBC, which has not been updated for a long time.
- TF is also working while exchanging the opinions with Taiwan EHS Committee.

Action Item: Task Force to submit SNARF at the next committee meeting.

Attachment: 09_Seismic_Protection_TF_Report_120925

7.8 STEP Planning Working Group

Kenji Sugihara reported for the STEP Planning Working Group. Of note:

- The Working Group has met on September 5, and the detailed plan of the next STEP/ SEMI S2 is as follows;
 - Date & Time: 10:00-18:00, Thursday, November 22, 2012
 - Venue: Conference Room 1-3, 5F Oshima Bldg, SEMI Japan
 - Program Chair: Kenji Sugihara, Panasonic

Attachment: 10_STEP_Planning_WG_Report_120925

8 Old Business

8.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items.

Table 7 Previous Meeting Actions Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS120419-01	SEMI Staff	Forward adjudication result of Doc.#5374 to the ISC A&R Subcommittee for procedural review. Closed
EHS120419-02	SEMI Staff	Forward adjudication result of Doc.#4712B to the ISC A&R Subcommittee for procedural review. Closed
EHS120419-03	S13 Revision Task Force	Submit Doc.#4976C for the earliest possible cycle. Closed
EHS120419-04	S17 Revision Task Force	Submit Doc.#5353 for the earliest possible cycle. Closed
EHS120419-05	STEP Planning Working Group	Hold STEP/ SEMI S2 in fall. Open
EHS120419-06	EHS Committee	Hold a safety related program during SEMICON Japan 2012. Open
EHS120419-07	Co-chairs	Ask volunteers for the planning team of the safety related program during SEMICON Japan 2012. Closed

8.2 EHS Standards Program in conjunction with SEMICON Japan 2012

Supika Mashiro reported for the EHS Standards program in conjunction with SEMICON Japan 2012. The planning team met earlier in the day. Of note:

- The program planning team was formed by Naokatsu Nishiguchi, Norio Nakashima, and the Committee co-chairs (Hidetoshi Sakura, Moray Crawford, Supika Mashiro).
- Presented the outline of the program and the contents.
- Detailed plan (specific presentation title and speakers) will be decided at an early date.

Attachment: 11_SJ2012_Program_Agenda_120925 (updated after Committee Meeting)

9 New Business

None

10 Action Item Review

10.1 New Action Items

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

11 Next Meeting and Adjournment

The next meeting of the Japan EHS Committee is scheduled for Friday, December 7, 2012 10:00-13:00 , in conjunction with SEMICON Japan 2012, Makuhari Messe, Chiba, Japan.



Respectfully submitted by:
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Minutes approved by:

Supika Mashiro (Tokyo Electron), Co-chair	October 23, 2012
Hidetoshi Sakura (Intel), Co-chair	October 23, 2012
Moray Crawford (Hatsuta Seisakusho), Co-chair	October 22, 2012

Table 8 Index of Available Attachments #1

#	<i>Title</i>	#	<i>Title</i>
1	JA_EHS_Previous_Mtg_Minutes_120925	7	SNARF_for_S23_Revision_TF_120925
2	SEMI_Staff_Report_120925	8	GHG_TF_Report_12092
3	NA_EHS_Report_September2012_120925	9	Seismic_Protection_TF_Report_120925
4	Ballot_Report_for_4976C_120925	10	STEP_Planning_WG_Report_120925
5	Ballot_Report_for_5353_120925	11	SJ2012_Program_Agenda_120925
6	S23_Rev_TF_Report_120925		

#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 Naoko Tejima at the contact information above.