Information and Control Global Technical Committee

Japan TC Chapter

Meeting Summary and Minutes (Draft)

Japan Standards Fall 2019 Meetings

Thursday, September 26, 2019, Begin 13:30 – End 17:00

SEMI Japan, Tokyo, Japan

**TC Chapter Announcements**

*Next TC Chapter Meeting*

Friday, December 2019, in conjunction with SEMICON Japan

Begin 13:00 – End 17:00

Conference Tower, Tokyo Big Sight, Tokyo, Japan

| Meeting Attendees  *Italics* indicate virtual participants  **Co-Chairs:** Takayuki Nishimura (SCREEN Semiconductor Solutions), Mitsuhiro Matsuda (KOKUSAI ELECTRIC)  **SEMI Staff:** Junko Collins | | | | | |
| --- | --- | --- | --- | --- | --- |
| Company | First | Last | Company | First | Last |
| KOKUSAI ELECTRIC | Mitsuhiro | Matsuda | SCREEN Semiconductor Solutions | Takayuki | Nishimura |
| Tokyo Electron | Naoko | Murata | Vistaideal Consulting | Terry | Asakawa |
| Tokyo Electron | Masaya | Nagata | IBM Japan Services | Osamu | Ohishi |
| Hitachi High-Technologies | Takuma | Yamaki | Yokogawa Solution Service | Takashi | Nakagawa |
| ZAMA Consulting | Mitsune | Sakamoto | Hitachi High-Technologies | Yuko | Toyoshima |
|  |  |  | SEMI Japan | Junko | Collins |

| Leadership Changes | | |
| --- | --- | --- |
| WG/TF/SC/TC Name | Previous Leader | New Leader |
| Fab EQ Information Security TF | Tadashi Mochizuki, Tokyo Electron | Tadashi Mochizuki, Tokyo Electron  Osamu Ohishi, IBM Japan Services |
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| Committee Structure Changes | |
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| Previous WG/TF/SC Name | New WG/TF/SC Name or Status Change |
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| Ballot Results | | |
| --- | --- | --- |
| Document # | Document Title | Committee Action |
| 6484 | Line Item Revision to SEMI E170.1-0419: SPECIFICATION FOR SECS-II PROTOCOL FOR SECURED FOUNDATION OF RECIPE MANAGEMENT SYSTEM |  |
| Line Item 1 | Fix a duplicated SECS-II Data Item and a missing PRC Operation Service Message. | Passed, as balloted |
| 6548 | Line Item Revision to SEMI E170-0419: Specification for Secured Foundation Of Recipe Management System (SFORMS) |  |
| Line Item 1 | Add the description of the way to get recipe body which includes ProcessLink | Passed, as balloted |
| Line Item 2 | Put Application Note which includes sequence diagram and transition of IDs instead of Figure 9. | Failed |
| 6549 | SEMI E170-0419: SPECIFICATION FOR SECURED FOUNDATION OF RECIPE MANAGEMENT SYSTEM (SFORMS) and SEMI E170.1-0419: SPECIFICATION FOR SECS-II PROTOCOL FOR SECURED FOUNDATION OF RECIPE MANAGEMENT SYSTEM |  |
| Line Item 1 | Expand and/or add return values to services and events in order to report the type of error, and add new transactions which get the result of recipe validation and are independent from PJ. | Passed, as balloted |
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#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.

| Activities Approved by the GCS between meetings of the TC Chapter | | | |
| --- | --- | --- | --- |
| # | Type | SC/TF/WG | Details |
| None |  |  |  |
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| Authorized Activities | | | |
| --- | --- | --- | --- |
| Listing of all revised or new SNARF(s) approved by the Originating TC Chapter. | | | |
| # | Type | SC/TF/WG | Details |
| None. |  |  |  |
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#1 SNARFs and TFOFs are available for review on the SEMI Web site at:

[http://downloads.semi.org/web/wstdsbal.nsf/TFOF](http://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARF)

| Authorized Ballots | | | |
| --- | --- | --- | --- |
| # | When | TF | Details |
| 6548A | Cycle 8 or 9, 2019 | GEM300 TF | Line Item Revision to SEMI E170-0419: Specification for Secured Foundation Of Recipe Management System (SFORMS) |
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| SNARF(s) Granted a One-Year Extension | | | |
| --- | --- | --- | --- |
| # | TF | Title | Expiration Date |
| None. |  |  |  |
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| SNARF(s) Abolished | | |
| --- | --- | --- |
| # | TF | Title |
| None. |  |  |
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| Standard(s) to receive Inactive Status | |
| --- | --- |
| Standard Designation | Title |
| None. |  |
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| New Action Items | | |
| --- | --- | --- |
| Item # | Assigned to | Details |
| None |  |  |
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| Previous Meeting Action Items | | |
| --- | --- | --- |
| Item # | Assigned to | Details |
| 20190725\_02 | Hideaki Ogihara (NaigaiTEC) | To consider about SEMI E98.1-1102 (Reapproved 0309): Provisional Specification for SECS-II Protocol for the Object-Based Equipment Model by SEMICON Japan 2019 Standards Meetings. |
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1. Welcome, Reminders, and Introductions

Takayuki Nishimura (SCREEN Semiconductor Solutions) called the meeting to order at 13:30. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment**: 01-02\_SEMI Standards Required Elements\_August2018\_E+J

1. Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

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| **Motion:** | To approve the minutes of the previous meeting with as written. |
| **By / 2nd:** | Mitsuhiro Matsuda (KOKUSAI ELECTRIC) / Masaya Nagata (Tokyo Electron) |
| **Discussion:** | None. |
| **Vote:** | 9-0, Motion Passed. |

**Attachment**: 20190725\_IC\_Minutes\_r1.0

1. Liaison Reports
   1. *Information & Control Europe TC Chapter*

None.

* 1. *Information & Control Korea TC Chapter*

In the former meeting, some inaccurate information was found in the liaison report and correction was requested.

Revised report has been attached

**Attachment:** 02-02 I&C\_KR\_Liaison\_Sept2019

* 1. *Information & Control North America TC Chapter*

In the former meeting, some inaccurate information was found in the liaison report and correction was requested.

Revised report has been attached.

**Attachment:** 02-03 NA I&C Liaison Report July 2019\_v3

* 1. *Information & Control Taiwan TC Chapter*

None.

**Attachment:** None

* 1. *CAST (Collaborative Alliance for Semiconductor Test)*

None. This agenda item will be remove from the next meeting.

* 1. *North America Automated Test Equipment*

None.

* 1. *Staff Report*

Junko Collins (SEMI Japan) gave the SEMI Staff Report as attached.

**Attachment:** 03-07\_SEMI Staff Report 2019\_0926\_v0.2

03-07\_SJ2019\_Std&EHS\_Meeting\_Schedule\_20190926a

1. Ballot Review
   1. TC Chapter adjudication on ballots reviewed is detailed in the Audits & Review (A&R) Subcommittee Forms for procedural review. The A&R forms are available as attachments to these minutes. The attachment number for each balloted document is provided under each ballot review section below.
   2. 6484: Line Item Revision to SEMI E170.1-0419: Specification for SECS-II Protocol for Secured Foundation of Recipe Management System
      1. The ballot **passed** TC Chapter review as balloted and will be submitted to the ISC A&R for procedural review.

**Attachment:** 04-01\_#6484 Ballot report template (LI) 2019.09.22\_Reviewed

* 1. 6548: Line Item Revision to SEMI E170-0419: Specification for Secured Foundation Of Recipe Management System (SFORMS)
     1. Line Item 1 **passed** TC Chapter review as balloted and will be submitted to the ISC A&R for procedural review.
     2. Line Item 2 failed and return to the task force for rework.

**Attachment:** 04-02\_#6548 Ballot report template (LI) 2019.09.22\_Reviewed

* 1. 6549: Line Item Revision to SEMI E170-0419: Specification for Secured Foundation Of Recipe Management System (SFORMS) and SEMI E170.1-0419: Specification for SECS-II Protocol for Secured Foundation Of Recipe Management System
     1. Line Item 1 **passed** TC Chapter review as balloted and will be submitted to the ISC A&R for procedural review.

**Attachment:** 04-03\_#6549 Ballot report template (LI) 2019.09.22\_Reviewed

1. Subcommittee and Task Force Reports
   1. *GEM300 TF*

Masaya Nagata (Tokyo Electron) reported for the GEM 300 Task Force as attached.

**Attachment:** 05-01\_JA\_ICC\_GEM300\_TF\_Report\_2019\_0925\_R0.1

* 1. *Japan I&C Maintenance TF*

Mitsuhiro Matsuda (KOKUSAI ELECTRIC) reported that there are no activities currently working on.

* 1. *Sensor Bus TF*

No report.

**Attachment:** None

* 1. *Diagnostic Data Acquisition (DDA) TF*

Mitsune Sakamoto (Zama Consulting) reported for the DDA Task Force as attached.

**Attachment:** 05-04 DDATF\_Japan\_20190926\_Report＿R0.1

* 1. *Fab & Equipment Information Security Task Force*

Osamu Ohishi (IBM) reported for the Fab & Equipment Information Security Task Force as attached.

**Attachment:** 05-05\_SEMI Stds JA FEIS TF Report\_20190926

* 1. Backend Factory Integration Task Force

No Report.

**Attachment:** None

1. Old Business
   1. *Project Period Check*
      1. 6092: New Standard: Specification for Centralized User Authentication and Role Authorization Management (CUARAM) was approved by Information & Control Japan TC Chapter on October 20, 2016.

No one requested to extend the project period. Therefore, this SNARF will expire as of October 19, 2019

* 1. *5 Year Review Check*
     1. There is no concerned documents except the document in 6.2.2.
     2. SEMI E98.1-1102 (Reapproved 0309): Provisional Specification for SECS-II Protocol for the Object Based Equipment Model

Hideaki Ogihara (NaigaiTEC) reported that he will consider about this by I&C Japan TC Chapter meeting at SEMICON Japan 2019.

* 1. Schedule adjustment of SEMICON Japan 2019 Standards Meetings

Still need to contact Hideaki Ogihara regarding the following two meetings

* Backend Factory Integration Task Force
* Sensor Bus TF

**Attachment:** 03-07\_SJ2019\_Std&EHS\_Meeting\_Schedule\_20190926a

* 1. Leadership recruitment of JA Fab & Equipment Information Security Task Force

Tadashi Mochizuki (Tokyo Electron) addressed to the committee on this topic in the previous meeting. He called for participation as co-leader of JA Fab & Equipment Information Security Task Force.

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| **Motion:** | To appoint Osamu Ohishi (IBM) as a co-leader of Fab Information Security |
| **By / 2nd:** | Osamu Ohishi (IBM) / Masaya Nagata (Tokyo Electron) |
| **Discussion:** | None. |
| **Vote:** | 9-0, Motion Passed. |

1. New Business
   1. Ballot Submission of #6548A

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| **Motion:** | to submit 6548A to Cycle 8 or 9 |
| **By / 2nd:** | Osamu Ohishi (IBM) / Masaya Nagata (Tokyo Electron) |
| **Discussion:** | None |
| **Vote:** | 9-0, Motion Passed. |

**Attachment:** None

1. Action Item Review, Next Meeting and Adjournment
   1. Action Item Review
      1. Open Action Item

* Hideaki Ohihara, to consider about SEMI E98.1-1102 (Reapproved 0309): Provisional Specification for SECS-II Protocol for the Object-Based Equipment Model by SEMICON Japan 2019 Standards Meetings.
  + 1. New Action Item
* Junko Collins, to submit the following review reports to the ISC A&R for procedural review.
  + 6484: Line Item Revision to SEMI E170.1-0419: Specification for SECS-II Protocol for Secured Foundation of Recipe Management System, Line Item 1
  + 6548: Line Item Revision to SEMI E170-0419: Specification for Secured Foundation Of Recipe Management System (SFORMS), Line Item 1
  + 6549: Line Item Revision to SEMI E170-0419: Specification for Secured Foundation Of Recipe Management System (SFORMS) and SEMI E170.1-0419: Specification for SECS-II Protocol for Secured Foundation Of Recipe Management System, Line Item 1
* Osamu Ohishi to submit the 6484A to cycle 8 or 9
  + 1. The next meeting is scheduled for 13:00-17:00 on Friday, December 13, 2019 at Conference Tower, Tokyo Big Sight, Tokyo, Japan. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: 17:00.

Respectfully submitted by:

Mizue Iwamura

Coordinator

SEMI Japan

Phone: +81.3.3222.5760

Email: miwamura@semi.org

Minutes tentatively approved by:

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| --- | --- |
| Takayuki Nishimura (SCREEN Semiconductor Solutions), Co-chair |  |
| Mitsuhiro Matsuda (KOKUSAI ELECTRIC), Co-chair |  |

| Index of Available Attachments#1 | | |
| --- | --- | --- |
| Title | Title |
| 01-02\_SEMI Standards Required Elements\_August2018\_E+J | 05-04 DDATF\_Japan\_20190926\_Report＿R0.1 |
| 20190725\_IC\_Minutes\_r1.0 | 05-05\_SEMI Stds JA FEIS TF Report\_20190926 |
| 02-02 I&C\_KR\_Liaison\_Sept2019 |  |
| 02-03 NA I&C Liaison Report July 2019\_v3 |  |
| 03-07\_SEMI Staff Report 2019\_0926\_v0.2 |  |
| 03-07\_SJ2019\_Std&EHS\_Meeting\_Schedule\_20190926a |  |
| 04-01\_#6484 Ballot report template (LI) 2019.09.22\_Reviewed |  |
| 04-02\_#6548 Ballot report template (LI) 2019.09.22\_Reviewed |  |
| 04-03\_#6549 Ballot report template (LI) 2019.09.22\_Reviewed |  |
| 05-01\_JA\_ICC\_GEM300\_TF\_Report\_2019\_0925\_R0.1 |  |

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 [SEMI Staff Name] at the contact information above.