



Information & Control Japan TC Chapter

Meeting Summary and Minutes

SEMICON Japan Meetings 2024
 Friday, December 13, 2024
 Room 702, International Conference Tower 7F, Tokyo Big Sight, Tokyo, Japan
 in conjunction with SEMICON Japan / OVTCCM (Hybrid)
 13:30-16:30 JST

TC Chapter Announcements

Next TC Chapter Meeting

Friday 13:30~16:30 JST, April 18, 2025 @ SEMI Japan office Room1 and OVTCCM

Table 1 Meeting Attendees

Italic indicates virtual participants

Co-Chairs: Takayuki Nishimura (SCREEN Semiconductor Solutions Co., Ltd.) / Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION) / Yuko Toyoshima (Hitachi High-Tech Corporation)

SEMI Staff: Takeaki Hirabara (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Hitachi High-Tech Corporation	Toyoshima	Yuko	SCREEN Semiconductor Solutions Co., Ltd.	Nishimura	Takayuki
IBM Japan Digital Services Company	Ohishi	Osamu	Yokogawa Solution Service Corporation	Nakagawa	Takashi
KOKUSAI ELECTRIC CORPORATION	Matsuda	Mitsuhiro	Tokyo Electron Limited	Mochizuki	Tadashi
NOA	Takahashi	Kazuo	Yokogawa Digital Corporation	Miyamoto	Motoki
Zama Consulting	Sakamoto	Mitsune	MITSUBISHI ELECTRIC SYSTEM & SERVICE CO LTD	Fujihara	Mitsuteru
PEER Group Inc.	Fuchigami	Albert	SEMI Japan	Kanno	Hirofumi
Doople	Kim	Hyungsu	SEMI Japan	Hirabara	Takeaki
Acteon NEXT LLC	Komatsu	Shoji	SEMI Japan	Kamejina ka	Keiko

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>
7005	Line Item Revision to SEMI E91-1217: SPECIFICATION FOR PROBER SPECIFIC EQUIPMENT MODEL (PSEM)	Passed

#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>
R7173	Line-Item Revision to SEMI E30-0224, Specification for the Generic Model for Communications and Control of Manufacturing Equipment (GEM)	Passed	R7173_A&R

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>
TBA	SNARF	Japan I&C Maintenance TF	Line Item Revision to SEMI E174-0819 SPECIFICATION FOR WAFER JOB MANAGEMENT (WJM)
TBA	SNARF	Japan I&C Maintenance TF	Line Item Revision to SEMI E178-0120 GUIDE FOR EDA FREEZE VERSION

#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>
TBA	Cycle 2 2025	Japan I&C Maintenance TF	Line Item Revision to SEMI E174-0819 SPECIFICATION FOR WAFER JOB MANAGEMENT (WJM)
TBA	Cycle 2 2025	Japan I&C Maintenance TF	Line Item Revision to SEMI E178-0120 GUIDE FOR EDA FREEZE VERSION

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

#	TF	Title
None		

Table 11 Standard(s) to receive Inactive Status

Standard Designation	Title
None	

Table 12 New Action Items

Item #	Assigned to	Details
None		

Table 13 Previous Meeting Action Items

Item #	Assigned to	Details
I&C_07262024-1	Mochizukisan	Tell the Taiwan Fab & Equipment Information Security Task Force leader to restore Japanese Task Force members to utilize Connect@SEMI →Close
I&C_07262024-2	I&C Co-chairs	To bring this recommendation, New I&C Co-chair, to next JRSC Meeting →Close

1 Welcome, Reminders, and Introductions

Takayuki Nishimura (SCREEN Semiconductor Solutions Co., Ltd.), called the meeting to order at 1:30 PM JST. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: 1_Required_Meeting_Element Dec 2024_JPupdated

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: Approve the minutes as written.

By / 2nd: Sakamoto Mitsune (Zama Consulting) /
Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)

Discussion: None.

Vote: Result: 11-Y 0-N. **Motion Passed.**

Attachment: 2_I&C Mins v0.2

3 Liaison Reports

3.1 Information & Control China TC Chapter

Takeaki Hirabara reported. Of notes,

- Last meeting
 - July 5, 2024

- Hybrid
 - Next meeting
 - TBD
 - There is nothing to report newly
- Attachment:** 3_China I&C Committee Chapter Liaison Report-v1

3.2 Information & Control Korea TC Chapter

Hyungsu Kim(Doople) reported for the Information & Control Korea TC Chapter. Of notes:

- Last meeting
 - September 22, 2023
 - SEMI Korea, Seoul and OVTCCM (Hybrid)
- Next meeting
 - TBD
- SEMI Software Tutorials (SECS/GEM and EDA Courses) was held on December 20, 2024. The number of attendees was SECS/GEM: 74 persons and EDA: 63 persons
- Korea Autonomous Fab Working Group was held on November 27, 2024, and the next meeting will be held on January 15, 2025. (Membership of this working group: 73 representing 19 companies)

Attachment: 4_Liaison report_InC_KR__Dec2024

3.3 Information & Control North America TC Chapter

Albert Fuchigami (PEER Group Inc.) reported for the Information & Control North America TC Chapter. Of notes:

- Last meeting
 - November 6, 2024
 - SEMI HQ, Milpitas and OVTCCM (Hybrid)
- Next meeting
 - February 26, 2025
 - SEMI HQ, Milpitas and OVTCCM (Hybrid)

Ballot result of Cycle 7-2024, Activities Authorized by GCS between TC meetings, Authorized Activities, Authorized Ballots, SNARF(s) Cancelled, 5-Year Review, Activity of SMCC and each Task Forces Report were reported.

Attachment: 5_NA I&C Liaison Report 2024-11

3.4 Information & Control Taiwan TC Chapter

Takeaki Hirabara reported. Of notes,

- Last meeting
 - November 29, 2024
 - Hybrid
- Next meeting
 - TBD



- Organization chart under the Taiwan Chapter
 - Three Task Forces were disbanded, Equipment Information Integration Task Force, GEM300 Task Force and Backend Factory Integration Task Force.

Attachment: 6_IC Taiwan Liaison Report_20241129_V1

4 SEMI Staff Report

Takeaki Hirabara gave the SEMI Staff Report. Of notes:

- Introduction of 2024&2025 calendar of SEMICON events.
- Global Standards Summit 2024 - Innovating Tomorrow: Standards for Future Factories
 - Thursday, December 12 | 10:30 AM to 4:30 PM
 - Tokyo Big Sight, Conference Tower, Room 606. Everyone is invited.
 - Session Topics
 - Smart Manufacturing for Future Factories
 - Packaging Architectures & Materials
 - Environmental Sustainability
- SEMICON West 2024 will be held in Phoenix, Arizona in October. The venue of SEMICON West will alternate between Phoenix and San Francisco every October thereafter.
- SEMI Standards Friendship Party & Award Ceremony
 - Thursday, December 12: 5:00 PM – 7:00 PM
 - Room 102, Int'l Conference Tower, Tokyo Big Sight
 - All are invited.
- Information about the schedules, upcoming NA Meetings 2025 and ballots 2024 / 2025.
- Sharing about the SEMI Standards Publications and regulations & Procedure Manual updates.
- TFs have until 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. Training materials for TF leaders and members (users) are available on the SEMI website.

Attachment: 7_Staff Report November 2024 v4_ay

5 Ballot Review

5.1 Doc.#7005, Line Item Revision to SEMI E91-1217: SPECIFICATION FOR PROBER SPECIFIC EQUIPMENT MODEL (PSEM) Ballot Submission on.

- This document passed as balloted. Refer attachment for more details.

Attachment: 8_7005_ A&R_updated

6 Subcommittee and Task Force Reports

6.1 GEM300 Task Force

Toyoshima-san (Hitachi High-Tech Corporation) reported for the GEM300 Task Force. Of notes:

- Ballo Summary
 - 7173 - Line-Item Revision To SEMI E30-0424, Specification For The Generic Model For Communications And Control Of Manufacturing Equipment (GEM) - Passed with Technical changes
 - R7173 - Line-Item Revision To SEMI E30-0424, Specification For The Generic Model For Communications And Control Of Manufacturing Equipment (GEM) - Issued for Cycle 7, 2024 and finished without Disapproves
- 5-Year Review
 - E170-0520 SPECIFICATION FOR SECURED FOUNDATION OF RECIPE MANAGEMENT SYSTEM (SFORMS)
 - E170.1-0520 SPECIFICATION FOR SECS-II PROTOCOL FOR SECURED FOUNDATION OF RECIPE MANAGEMENT SYSTEM
 - TF decided work for reapprove, so will prepare for its SNARF on next meeting.

Attachment: 9_JA_ICC_GEM300_TF_Report_2024_1213_r1

6.2 Japan I&C Maintenance Task Force

Matsuda-san (KOKUSAI ELECTRIC CORPORATION) reported. Of notes:

- No meeting (from the previous TC Chapter Meeting)
- Activity
 - Draft Document 7005 Line Item Revision to SEMI E91-1217: SPECIFICATION FOR PROBER SPECIFIC EQUIPMENT MODEL (PSEM)
 - Prepare line item SNARF both E178-0120 and E174-0819 (due 5 Years)

Attachment: 10_20241213MaintenanceTFReport_r0

6.3 Diagnostic Data Acquisition (DDA) Task Force

- Activity
 - F3 Standards are almost completed
 - Vendor Test in NA

Attachment: 11_DDA_TF_2024-12-12_Report-01

6.4 Fab & Equipment Information Security Task Force

No report provided about Japan activities, but Mochizukisan shared the current activities of North America and Taiwan based on the attachment.

Attachment: 12_20241213_FabEqInfSecurityTFReport_R01

7 Old Business

7.1 Project Period Review - None

7.2 5 Year Review Check - E170, E174 and E178, already assigned to TF.

8 New Business

8.1 Report Ratification Ballot Results of Doc. R7173 Line-Item Revision to SEMI E30-0423, SPECIFICATION FOR THE GENERIC MODEL FOR COMMUNICATIONS AND CONTROL OF MANUFACTURING EQUIPMENT (GEM)

8.1.1 Consider Disapprove Votes (if any) - Non disapproval

8.2 Advanced backend requirements from Komatsu san

Shared the information of E84 revision, and sharing process for next steps.

Shared the preparatory meeting held on December 11th.

Albert, Komatsu-san and Matsuda-san will work NA ABFI TF.

Attachment: 13_ E84 TCPIP SNARF

8.3 2 SNARF: New Business

1. Line Item Revision to SEMI E174-0819 SPECIFICATION FOR WAFER JOB MANAGEMENT (WJM)

Motion: Approve the SNARF

By / 2nd: Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)/
Tadashi Mochizuki (Tokyo Electron Limited)

Discussion: None

Vote: Result: 11-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority

2. Line Item Revision to SEMI E178-0120 GUIDE FOR EDA FREEZE VERSION

Motion: Approve the SNARF

By / 2nd: Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)/
Tadashi Mochizuki (Tokyo Electron Limited)

Discussion: None

Vote: Result: 11-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority

8.4 2 Ballot Submission: New Business

- Ballot - Cycle 2 (Line Item Revision to SEMI E174-0819 SPECIFICATION FOR WAFER JOB MANAGEMENT (WJM)) and (Line Item Revision to SEMI E178-0120 GUIDE FOR EDA FREEZE VERSION)

Motion: Authorize the Document for Letter Ballot

By / 2nd: Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)/
Tadashi Mochizuki (Tokyo Electron Limited)

Discussion: None

Vote: Result: 11-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority

9 Action Item Review

9.1 Open Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
I&C_07262024-1	Mochizuki san	Tell the Taiwan Fab & Equipment Information Security Task Force leader to restore Japanese Task Force members to utilize Connect@SEMI → Close
I&C_07262024-2	I&C Co-chairs	To bring this recommendation, New I&C Co-chair, to next JRSC Meeting → Close

9.2 Open Action Items

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

10 Next Meeting and Adjournment

The next meeting is scheduled for Friday, April 18, 2025 1:30 PM – 4:30 PM JST at SEMI Japan office via Official Virtual TC Chapter Meeting. Refer to <http://www.semi.org/standards> for the current list of events.

Adjournment: 16:30 PM

Respectfully submitted by:

Takeaki Hirabara
Standards & EHS
SEMI Japan
Email: thirabara@semi.org

Minutes tentatively approved by:

Takayuki Nishimura (SCREEN Semiconductor Solutions Co., Ltd.)	January 31, 2025
Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)	January 31, 2025
Yuko Toyoshima (Hitachi High-Tech Corporation)	January 31, 2025

Table 14 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
1_Required_Meeting_Element Dec 2024_JPupdated	2_I&C Mins v0.2
3_China I&C Committee Chapter Liaison Report-v1	4_Liaison report_InC_KR_Dec2024
5_NA I&C Liaison Report 2024-11	6_IC Taiwan Liaison Report_20241129_V1
7_Staff Report November 2024 v4_ay	8_7005_A&R_updated
9_JA_ICC_GEM300_TF_Report_2024_1213_r1	10_20241213MaintenanceTFReport_r0
11_DDA_TF_2024-12-12_Report-01	12_20241213_FabEqInfSecurityTFReport_R01
13_E84 TCPIP SNARF	



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