



Information & Control Japan TC Chapter

Meeting Summary and Minutes

SEMICON Japan Meetings 2025
 Friday, December 19, 2025
 Room 905, East 9F, TFT Building / OVTCCM (Hybrid)
 1:30pm – 4:30pm JST

TC Chapter Announcements

Next TC Chapter Meeting

9:30am – 12:00pm JST, April 10, 2026 at SEMI Japan office and OVTCCM (Hybrid)

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>
SCREEN Semiconductor Solutions Co., Ltd.	Nishimura	Takayuki	<i>PEER Group Inc.</i>	<i>Fuchigami</i>	<i>Albert</i>
KOKUSAI ELECTRIC CORPORATION	Matsuda	Mitsuhiro	<i>PDF Solutions</i>	<i>Takanashi</i>	<i>Yukiya</i>
Hitachi High-Tech Corporation	Toyoshima	Yuko	Hitachi High-Tech Corporation	Isobe	Naoki
<i>mitsubishi electric system & service co.,ltd.</i>	<i>Fujihara</i>	<i>Mitsuteru</i>	<i>SCREEN</i>	<i>Stokes</i>	<i>Harold</i>
<i>Zama Consulting</i>	<i>Sakamoto</i>	<i>Mitsune</i>	NOA	Takahashi	Kazuo
SCREEN Semiconductor Solutions Co., Ltd.	Futatsugi	Tetsuya	Doople	Kim	Hyungsu
IBM Japan Digital Services Company	Ohishi	Osamu	IBM Japan Digital Services Company	Yamazaki	Ikufumi
Tokyo Electron Limited	Mochizuki	Tadashi	BRINK Japan	Yamamoto	Naoki
Tokyo Electron Limited	Yamashita	Hironobu	<i>ITRI</i>	<i>Cho</i>	<i>Ares</i>
Tokyo Electron Limited	Mashiro	Supika			
Tokyo Electron Limited	Hayashi	Haruna	SEMI	Nguyen	Kevin
Yokogawa Digital Corporation	Miyamoto	Motoki	SEMI Korea	Shim	Natalie
ASM Japan	Takasaki	Yoshihisa	SEMI Japan	Koga	Nahoko
Yokogawa Solution Service Corporation	Nakagawa	Takashi	SEMI Japan	Hirabara	Takeaki

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
Maintenance Robot Communication (MRC) Task Force	—	Tadashi Mochizuki - Tokyo Electron Limited

Table 3 TC Chapter Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
—	Maintenance Robot Communication (MRC) Task Force
JA I&C Maintenance Task Force	Maintenance Task Force

Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
None		

#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>
None			

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>
—	TFOF	Japan I&C Maintenance Task Force	Revision: Name, Charter and Scope
—	TFOF	Maintenance Robot Communication (MRC) Task Force	New Establishment
—	TFOF	GEM300 Task Force	Revision: Charter, Scope and Formal linkages with TFs in other Regions/Locales
7440	SNARF	Fab & Equipment Information Security Task Force	Revision of E169-0623 Guide for Equipment Information System Security

#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

#	When	TF	Details
None			

Table 9 SNARF(s) Granted a One-Year Extension

#	TF	Title	Expiration Date
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
I&C_20251219_1	SEMI Staff	Post 3 TFOFs and update the website
I&C_20251219_2	SEMI Staff	Creation a community page on Connect@SEMI for new TF, and send an announcement to I&C Japan members.

Table 13 Previous Meeting Action Items

Item #	Assigned to	Details
I&C_20251012_1	SEMI Staff	Request to SEMI HQ: Distribution GSS presentation material (request bases or SEMI Website)->Close
I&C_20251012_2	GEM 300 TF and Osamu Ohishi	Preparing for the Ratification Ballot of Doc #7354 (Line Item 2) -> Close
I&C_20251012_3	SEMI Staff	Fixing the GEM 300 TF schedule for SEMICON Japan 2025 -> Close

1 Welcome, Reminders, and Introductions

Takayuki Nishimura (SCREEN Semiconductor Solutions Co., Ltd.), called the meeting to order at 1:30pm 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: Mitsuhiko Matsuda (KOKUSAI ELECTRIC CORPORATION) /



Yuko Toyoshima (Hitachi High-Tech Corporation)

Discussion: None.

Vote: Result: 19 -Y 0-N. **Motion Passed.**

Attachment: 2. 20251021_Japan I&C Committee Minutes_rev2

3 Liaison Reports

3.1 *Information & Control China TC Chapter*

Takeaki Hirabara (SEMI Japan) reported for the Information & Control China TC Chapter. Of notes,

- Last meeting
 - April 8, 2025
 - Hybrid
- Next meeting
 - TBD
- There is nothing to report newly due to no activities after report on previous Japan TC Chapter meeting.

Attachment: 3. China I&C Committee Chapter Liaison Report - Sep 2025 v1

3.2 *Information & Control Korea TC Chapter*

Natalie Shim (SEMI Korea) reported for the Information & Control Korea TC Chapter. Of notes:

- Last meeting
 - November 27, 2025
 - SEMI Korea, Seoul (Hybrid)
- Next meeting
 - April 23, 2026
 - SEMI Korea, Seoul (Hybrid)
- Sharing the details of an internal workshop result on packaging automation trends held by Advanced Backend Factory Integration (ABFI) TF on September 4.

Attachment: 4. Liaison report_KR_InC_Dec2025

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
 - October 8, 2025
 - SEMICON West
- Next meeting
 - TBD
- Digital Twins Task Force has been newly established.



Ballot result of Cycle 7-2025, Activities Authorized by GCS between TC meetings, Authorized Activities, Authorized Ballots, 5-Year Review and each Task Forces Report were reported.

- Task Force Report
 - Graphical User Interfaces Task Force
 - Results of 6743C Letter Ballot: Discussed 1 Negative and 1 Comment → Discussed Ratification Ballot process
 - Process Control Systems TF
 - TFOF proposal: Digital Twin Task Force: approved by TC
 - Sensor Bus TF
 - Leader, Dan Judd, Arlington Laboratory is stepping down.
 - DDA TF
 - EDA 'Core' Standards Update: Planning another ballot cycle to have some changes and issues raised by TF members
 - SEMI E164: Planning new SNARF to take advantage of SEMI Regs changes to ballot major revisions against multiple related Standards together. Look to update SEMI E164 and create new SEMI E164 Subordinate Standards for E30, E40 and E87 content at the same time.
 - GEM300 TF
 - Long discussion about E90 batch loading/unloading reporting. Unable to reach a consensus on how to proceed. There are three proposed approaches to strategy.

Attachment: 5. NA IC Liaison Report 2025-10 - v2

3.4 *Information & Control Taiwan TC Chapter*

Takeaki Hirabara (SEMI Japan) reported for the Information & Control Taiwan TC Chapter. Of notes,

- Last meeting
 - June 12, 2025
 - Hybrid
- Next meeting
 - TBD
- There is nothing to report newly due to no activities after report on previous Japan TC Chapter meeting.

Attachment: 6. IC Taiwan Liaison Report_20250612_V1

3.5 *JRSC*

Takeaki Hirabara (SEMI Japan) reported verbally for the JRSC. Of notes,

- Planning Meeting 2026 was decided to be held. Theme of the Planning Meeting 2026 will be discussed in SPI TF as a first step.

3.6 GCS

Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION) reported on the GCS activities.

Attachment: 7. GCS_Liaison Report_December

4 SEMI Staff Report

Takeaki Hirabara gave the SEMI Staff Report. Of notes:

- Introduction of 2026 calendar of SEMICON events.
- NA Winter Meeting will be held in February with full virtual, and NA Spring meeting will take place in May in conjunction with ASMC, which will be held in New York.

Attachment: 8. Staff Report Oct 2025 v4_20251021

5 Ballot Review

None

6 Subcommittee and Task Force Reports

6.1 GEM300 Task Force

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

- Last Meeting
 - December 18, 2025, 12:00pm – 1:30pm JST @ TFT Building 9F (One day before the TC meeting)
- Next Meeting
 - TBD
- Activities
 - Doc. #R7354: Being inserted the Ratification Ballot on cycle 1, 2026.
 - TFOF revision proposal and approval request.

Attachment: 9. JA_ICC_GEM300_TF_Report_2025_1219_r1

6.2 Japan I&C Maintenance Task Force

Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION) reported for the Japan I&C Maintenance Task Force. Of notes:

- No meeting (from the previous TC Chapter Meeting)
- Activity
 - Change the Task Force name from ‘Japan I&C Maintenance Task Force’ to ‘Maintenance Task Force,’ and simplify its Charter and Scope. This TFOF revision was approved by the TC.
 - Since the next activity will be the five-year review of E99-0623 and E99.1-0623, this Task Force will become dormant until then.

Attachment: 10. 20251219MaintenanceTFReport_r0

6.3 Diagnostic Data Acquisition (DDA) Task Force

Sakamoto Mitsune (Zama Consulting) reported for the Diagnostic Data Acquisition (DDA) Task Force. Of notes:

- No meeting was in 2025.
- Activity
 - SNARF for E178 of EDA Freeze 3 version was created.

Attachment: 11. DDA_TF_2025-12-19_Report

6.4 Fab & Equipment Information Security Task Force

Tadashi Mochizuki (Tokyo Electron Limited) reported for the Fab & Equipment Information Security Task Force. Of notes:

- Last Meeting
 - December 4, 2025, 9:00am - 10:30am JST / Online
- Next Meeting
 - TBD (To plan to have the monthly meeting. The first preferred date is Friday morning from 10:00 AM to 11:00 AM (Japan Standard Time))
- Activities
 - Revision of E169-0623 Guide for Equipment Information System Security

Attachment: 12. 20251219_FabEqInfSecurityTFReport_R01

6.5 [Liaison] Next Gen Assembly / Test Material Handling Task Force under PIC Japan TC Chapter

Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION) reported and shared the following approved 2 SNARFs.

- New Preliminary Standard: Specification for Enhanced Handoff Interface
- New Preliminary Subordinate Standard: TCP/IP Communication for Enhanced Handoff Interface to Specification for Enhanced Handoff Interface

7 Old Business

7.1 Project Period Review - None

7.2 5 Year Review Check - None

8 New Business

8.1 TFOF Approval for Japan I&C Maintenance Task Force revision

- Motion:** Approve the TFOF revision of Japan I&C Maintenance Task Force
- By / 2nd:** Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)/
Tadashi Mochizuki (Tokyo Electron Limited)
- Discussion:** None
- Vote:** Result: 16-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority

8.2 TFOF Approval for New Establishment of Maintenance Robot Communication (MRC) Task Force

Motion: Approve the TFOF of Maintenance Robot Communication (MRC) Task Force
By / 2nd: Tadashi Mochizuki (Tokyo Electron Limited)/
Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)
Discussion: Albert Fuchigami asked to explain more details, and Tadashi Mochizuki / Supika Mashiro explained with a few pictures.
Vote: Result: 14-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority

8.3 SNARF Approval for Revision of E169-0623 Guide for Equipment Information System Security

Motion: Approve the SNARF of Revision of E169-0623 Guide for Equipment Information System Security
By / 2nd: Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)/
Tadashi Mochizuki (Tokyo Electron Limited)
Discussion: Cross reference between E169 and E191
Vote: Result: 20-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority

8.4 TFOF Approval for GEM300 Task Force revision

Motion: TFOF approval for GEM 300 Task Force revision
By / 2nd: Yuko Toyoshima (Hitachi High-Tech Corporation)/
Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)
Discussion: None
Vote: Result: 20-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_20251012_1	SEMI Staff	Request to SEMI HQ: Distribution GSS presentation material (request bases or SEMI Website)->Close
I&C_20251012_2	GEM 300 TF and Osamu Ohishi	Preparing for the Ratification Ballot of Doc #7354 (Line Item 2) -> Close
I&C_20251012_3	SEMI Staff	Fixing the GEM 300 TF schedule for SEMICON Japan 2025 -> Close

9.2 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
I&C_20251219_1	SEMI Staff	Post 3 TFOFs and update the website
I&C_20251219_2	SEMI Staff	Creation a community page on Connect@SEMI for new TF, and send an announcement to I&C Japan members.

10 Next Meeting and Adjournment

The next meeting is scheduled for Friday, 9:30am - 12:00pm JST, April 10, 2026@SEMI Japan office and OVTCCM (Hybrid). Refer to <http://www.semi.org/standards> for the current list of events.



Adjournment: 3:15 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 26, 2026
Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)	January 26, 2026
Yuko Toyoshima (Hitachi High-Tech Corporation)	January 26, 2026

Table 14 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
1. Required_Meeting_Element Dec 2024_JPupdated	2. 20251021_Japan I&C Committee Minutes_rev2
3. China I&C Committee Chapter Liaison Report - Sep 2025 v1	4. Liaison report_KR_InC_Dec2025
5. NA IC Liaison Report 2025-10 - v2	6. IC Taiwan Liaison Report 20250612 V1
7. GCS Liaison Report December	8. Staff Report Oct 2025 v4 20251021
9. JA ICC GEM300 TF Report 2025 1219 r1	10. 20251219MaintenanceTFReport r0
11. DDA TF 2025-12-19 Report	12. 20251219 FabEqInfSecurityTFReport R01

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 Takeaki Hirabara at the contact information above