



# Information and Control Global Technical Committee

## Japan TC Chapter

### Meeting Summary and Minutes

Japan Standards Winter Meetings 2023

Friday, December 15, 2023, Begin 14:00. – End 16:30 [JST]

Tokyo Big Sight, Tokyo /Official Virtual TC Chapter Meeting [Hybrid]

#### TC Chapter Announcements

*Next TC Chapter Meeting*

Tuesday, April 16, 2024, 10:00am-1:00pm[JST], (via OVTCCM ) Hybrid

#### Table 1 Meeting Attendees

*Italics indicate virtual participants.*

**Co-Chairs:** Takayuki Nishimura (SCREEN Semiconductor Solutions), Mitsuhiro Matsuda (KOKUSAI ELECTRIC)

**SEMI Staff:** Mami Nakajo

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
MURATA MACHINERY, LTD.	Imoto	Shinichiro	Tokyo Electron Ltd.	Toyama	Takayuki
Tokyo Electron Ltd.	Mashiro	Supika	SCREEN Semiconductor Solutions	Nishimura	Takayuki
MURATA MACHINERY, LTD.	Yasumoto	Hiroyuki	Hitachi High-Tech Corporation	Toyoshima	Yuko
<i>PEER Group</i>	<i>Fuchigami</i>	<i>Albert</i>	KOKUSAI ELECTRIC	Matsuda	Mitsuhiro
Yokogawa Digital Corporation	Miyamoto	Motoki	Zama Consulting	Sakamoto	Mitsune
IBM Japan Digital Services Company	Ohishi	Osamu	Mitsubishi Electric Corporation	Fujihara	Mitsuteru
<i>Mitsubishi Electric Corporation</i>	<i>Otoki</i>	<i>Nicole</i>	Tokyo Electron Ltd.	Nagata	Masaya
Hitachi High-Tech Corporation	Tomizawa	Yuki	MURATA MACHINERY, LTD.	Hori	Kasuki
Tokyo Electron Ltd.	Mochizuki	Tadashi	SEMI Japan	Nakajo	Mami
			SEMI Japan	Osawa	Naoko

#### 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>
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&amp;R Action</i>	<i>A&amp;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>
TBD	SNARF	GEM 300 TF	Line-Item Revision to SEMI E30-0423, SPECIFICATION FOR THE GENERIC MODEL FOR COMMUNICATIONS AND CONTROL OF MANUFACTURING EQUIPMENT (GEM)

#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>
TBD	Cy2-2024	GEM 300 TF	Line-Item Revision to SEMI E30-0423, SPECIFICATION FOR THE GENERIC MODEL FOR COMMUNICATIONS AND CONTROL OF MANUFACTURING EQUIPMENT (GEM)

**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**

<i>#</i>	<i>TF</i>	<i>Title</i>
None		

**Table 11 Standard(s) to receive Inactive Status**

<i>Standard Designation</i>	<i>Title</i>
None	

**Table 12 New Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
20231215-01	SEMI Staff	to report SEMI HQ that it is Not allowed this form(E187 check list) in outside of SEMI site.( office.com)

**Table 13 Previous Meeting Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
20230419-1	I&C Japan TC members	To recommend the successors of Japan I&C co-chairs by next TC chapter meeting.>Open

### 1. Welcome, Reminders, and Introductions

Takayuki Nishimura (SCREEN Semiconductor Solutions) called the meeting to order at 14:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment:** 1.2\_Required Element Nov 2022\_E+J (new template)

### 2. Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

<b>Motion:</b>	Approve the minutes as written with edited
<b>By / 2<sup>nd</sup>:</b>	Mitsuhiro Matsuda (KOKUSAI ELECTRIC) / Mitsune Sakamoto (Zama Consulting)
<b>Discussion:</b>	None
<b>Vote:</b>	8 in favor and 0 opposed. <b>Motion Passed.</b>

**Attachment:** 2.1\_230913\_IC Japan Min\_R2

### 3. Technical Committee Award

- Motoki Miyamoto (Yokogawa Digital Corporation)

Motoki Miyamoto (Yokogawa Digital Corporation) was selected for the Technical Committee Awards in recognition of his leadership of the GEM300 TF and contribution to the coordination with other regions and to the ballot review meetings.

### 4. Liaison Reports

#### 4.1 Information and Control China TC Chapter

Takayuki Nishimura (SCREEN Semiconductor Solutions) reported for the Information and Control TC Chapter as attached.

**Attachment:** 4.1\_China I&C Committee Chapter Liaison Report -v3



#### 4.2 Information and Control Korea TC Chapter

Takayuki Nishimura (SCREEN Semiconductor Solutions) reported for the Information and Control Korea TC Chapter as attached.

**Attachment:** 4.2\_Liaison report\_InC\_KR\_\_Dec2023

#### 4.3 Information and Control North America TC Chapter

Albert Fuchigami (PEER Group) reported for the Information and Control North America TC Chapter as attached.

Nicole X. Otoki (Mitsubishi Electric) asked if it was ok that NA could take an action to revise, as it is

Albert Fuchigami (PEER Group) answered that originate Region has responsible for the document has inactive or not, but Revision and other changes are not forbidden in Reg.&PM, it means any region can change the document whose region isn't the original one.

**Attachment:** 4.3\_NA I&C LiaisonReport -2023-11

#### 4.4 Information and Control Taiwan TC Chapter

Takayuki Nishimura (SCREEN Semiconductor Solutions) reported for the Information and Control Taiwan TC Chapter as attached.

Osamu Ohishi (IBM Japan Digital Services Company) pointed out a misprint on Page 10 of this report as following,

- From #7203 to #7103.

Supika Mashiro (Tokyo Electron Ltd.) points out that the checklist related to SEMI E187 was placed on the outside of the Connect@SEMI.

SEMI Documents which has been under-developed should be only accessed among TF members, so it should be placed in Connect@SEMI.

**Action Item:** 20231215-01 (SEMI Staff) to report SEMI HQ that it is Not allowed this form(E187 check list) in outside of SEMI site.(outlook)

**Attachment:** 4.4\_I&C Taiwan Liasion report\_Dec\_2023

### 5. SEMI Staff Report

Mami Nakajo (SEMI) gave the SEMI Staff Report. Of note:

**Attachment:** 5\_Staff Report Dec 2023 HK\_N\_AY

### 6. Ballot Review

None

### 7. Subcommittee and Task Force Reports

#### 7.1 GEM300 TF

Yuko Toyoshima (Hitachi High-Tech) gave a report for the TF as attached.

**Attachment:** 7.1\_JA\_ICC\_GEM300\_TF\_Report\_2023\_1215

7.2 Japan I&C Maintenance Task Force

Mitsuhiro Matsuda (KOKUSAI ELECTRIC) gave a report based on the materials.

**Attachment:** 7.2\_20231215MaintenanceTFReport\_r0

7.3 Sensor Bus Task Force (Inactive)

No report

7.4 Diagnostic Data Acquisition (DDA) Task Force

Mitsune Sakamoto (Zama Consulting) gave a report based on the materials.

**Attachment:** 7.4\_DDA TF Meeting 20231214 Report

7.5 Fab & Equipment Information Security Task Force

Osamu Ohishi (IBM Japan Digital Services Company) gave a report based on the materials.

Mami Nakajo (SEMI Japan) noted that the panel outlining Cybersecurity Standards, SEMI E187 and SEMI E188 was on display in the Hall of SEMICON Japan 2023 and thanked Tadashi Mochizuki (Tokyo Electron Ltd.) and Osamu Ohishi for their help in making the panel.

**Attachment:** 7.5\_20231215\_FabEqInfSecurityTFReport\_R02

**8. Old Business**

8.2 SNARF Project Period Check

None

8.3 5 Year Review Check

SNARF #7005 is working on revision SEMI E91-1217, Specification for Prober Specific Equipment Model (PSEM) by JA I&C Maintenance Task Force.

SNARF#6494 is approved “Line Item revision of SEMI E54.19, Specification for Sensor/Actuator Network for MECHATROLINK” by North America Sensor Bus Task Force.

Activity is pending of revision to SEMI E54.17, Specification of Sensor/Actuator Network for A-LINK due to lack of volunteer by North America Sensor Bus Task Force.

SEMI E174-0819 will be working for its review by GEM300 TF.

**9. New Business**

9.2 Proposal of New Activity

Mitsune Sakamoto (Zama Consulting) reported on this topic.

9.2.1 SNARF Proposal for Line-Item Revision to SEMI E30-0423, SPECIFICATION FOR THE GENERIC MODEL FOR COMMUNICATIONS AND CONTROL OF MANUFACTURING EQUIPMENT (GEM)

<b>Motion:</b>	Approve the SNARF for: Line-Item Revision to SEMI E30-0423, SPECIFICATION FOR THE GENERIC MODEL FOR COMMUNICATIONS AND CONTROL OF MANUFACTURING EQUIPMENT (GEM)
<b>By / 2<sup>nd</sup>:</b>	Mitsune Sakamoto (Zama Consulting) / Yuko Toyoshima (Hitachi High-Tech)
<b>Discussion:</b>	None
<b>Vote:</b>	16 in favor and 0 opposed. <b>Motion Passed.</b>



<b>Motion:</b>	Authorize the Document for Letter Ballot of L Line-Item Revision to SEMI E30-0423, SPECIFICATION FOR THE GENERIC MODEL FOR COMMUNICATIONS AND CONTROL OF MANUFACTURING EQUIPMENT (GEM) for Cy2-2024
<b>By / 2<sup>nd</sup>:</b>	Mitsune Sakamoto (Zama Consulting) / Yuko Toyoshima (Hitachi High-Tech)
<b>Discussion:</b>	None
<b>Vote:</b>	16 in favor and 0 opposed. <b>Motion Passed.</b>

**Attachment: E30\_Update\_SNARF\_20230913-04**

## 10. Action Item Review

### 10.1 Open Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
20230419-1	I&C Japan TC members	To recommend the successors of Japan I&C co-chairs by next TC chapter meeting.>Open

### 10.2 New Action Items

**Action Item: 20231215-01** (SEMI Staff) to report SEMI HQ that it is Not allowed this form(E187 check list) in outside of SEMI site.( office.com)

## 11. Next Meeting and Adjournment

The next meeting is scheduled for Tuesday, April 16,2024,10:00-13:00 [JST] ( via OVTCCM ) Hybrid

See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: [16:00].

Respectfully submitted by:

Mami Nakajo  
Standards & EHS  
SEMI Japan  
Phone: 81.3.3222.5949  
Email: mnakajo@semi.org

Minutes tentatively approved by:

Takayuki Nishimura (SCREEN Semiconductor Solutions), Co-chair	January 11, 2024
Mitsuhiro Matsuda (KOKUSAI ELECTRIC), Co-chair	January 12, 2024

**Table 14 Index of Available Attachments<sup>#1</sup>**

<i>Title</i>	<i>Title</i>
1.2_Required Element Nov 2022_E+J (new template)	5_Staff Report Dec 2023 HK_N_AY
2.1_230913_IC Japan Min_R2	7.1_JA_ICC_GEM300_TF_Report_2023_1215



**Table 14 Index of Available Attachments#1**

4.1_China I&C Committee Chapter Liaison Report -v3	7.2_20231215MaintenanceTFReport_r0
4.2_Liaison report_InC_KR__Dec2023	7.4_DDA TF Meeting 20231214 Report
4.3_NA I&C Liaison Report -2023-11	7.5_20231215_FabEqInfSecurityTFReport_R02
4.4_I&C Taiwan Liasion report_Dec_2023	7.5_20231215_FabEqInfSecurityTFReport_R02

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](http://www.semi.org). For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.