



# Automation Technology Japan TC Chapter

## Meeting Summary and Minutes

Japan Winter Meetings 2023  
 Wednesday, December 20, 2023 13:30 – 15:30 [JST]  
 OVTCCM/ SEMI Japan Office, Tokyo, Japan (Hybrid)

### TC Chapter Announcements

*Next TC Chapter Meeting*

Wednesday, May 22, 2024 13:30-16:00 (JST)

OVTCCM/ SEMI Japan Office, Tokyo, Japan (Hybrid)

### Table 1 Meeting Attendees

*Italics indicate virtual participants.*

**Co-Chairs:** Fumiyasu Ohbuchi/ Siemens Japan, Yasuhiro Kaneko/ Yamaha Motor, Terry Asakawa/ Vistaideal Consulting

**SEMI Staff:** Akiko Yoshida (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>FUJI</i>	<i>Minoshima</i>	<i>Nobuaki</i>	<i>Toyo</i>	<i>Kemeoka</i>	<i>Yuki</i>
FUJI	Takeo	Sachimaru	Vistaideal Consulting	Asakawa	Terry
<i>Panasonic Connect</i>	<i>Azuma</i>	<i>Yasuhiro</i>	Yamaha Motor	Torii	Naoya
<i>Panasonic Connect</i>	<i>Inoue</i>	<i>Takahiro</i>	Yamaha Motor	Kaneko	Yasuhiro
<i>PEER Group</i>	<i>Fuchigami</i>	<i>Albert</i>	<i>Yokogawa Digital</i>	<i>Nakagawa</i>	<i>Takashi</i>
Siemens Japan	Ohbuchi	Fumiyasu	<i>Yokogawa Digital</i>	<i>Yamaki</i>	<i>Takeo</i>
			SEMI Japan	Yoshida	Akiko

### 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>
7168	SNARF	Surface Mount Technology (SMT) Task Force	Line Item Revision to SEMI A2-0722, Specification for Surface Mount Assembler Smart Hookup (SMASH)

#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>
7168	Cycle 2 or Cycle 3, 2024	Surface Mount Technology (SMT) Task Force	Line Item Revision to SEMI A2-0722, Specification for Surface Mount Assembler Smart Hookup (SMASH)

**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>
6827	Surface Mount Technology (SMT) Task Force	Line Item Revision to SEMI A2-0521 Specification for Surface Mount Assembler Smart Hookup (SMASH)

**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>
AT20231220-01	A1 Task Force F-GEM Task Force	To investigate how to address restricted biased terminology in SEMI A1 and A5 (Master, Slave), and make changes to address them in the Specification.

**Table 13 Previous Meeting Action Items**

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

## 1 Welcome, Reminders, and Introductions

Ohbuchi Fumiyasu (Siemens Japan) 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\_Meeting Reminders

## 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

**Motion:** Approve the minutes as written.

**By / 2<sup>nd</sup>:** Terry Asakawa (Vistaideal Consulting)/ Nobuaki Minoshima (FUJI)

**Discussion:** None.

**Vote:** 4-0. Motion passed.

**Attachment:** 02\_AT JA TC Minutes\_230623\_R1

## 3 Technical Committee Award

The following people received the awards as they have contributed to the further promotion of SEMI A1/A1.1/A2 (SEMI SMT-ELS) at home and abroad.

- Naoya Torii (Yamaha Motor)
- Takahiro Inoue (Panasonic Connect)
- Sachimaru Takeno (FUJI)

## 4 Liaison Reports

### 4.1 Automation Technology Taiwan TC Chapter

Akiko Yoshida (SEMI Japan) reported for the Automation Technology Taiwan TC Chapter that there had been no updates from the previous meeting.

### 4.2 Flow Manufacturing Forum

Yasuhiro Kaneko (Yamaha Motor) reported for the Flow Manufacturing Forum. The forum met on October 4. The next meeting will be held right after the Automation Technology Japan TC Chapter meeting.

## 5 SEMI Staff Report

Akiko Yoshida (SEMI Japan) gave the SEMI Staff Report. Of note:

- SEMI Standards meetings were held during SEMICON Japan 2023 in the previous week. As this year marks the 50<sup>th</sup> anniversary of SEMI Standards Program, it was celebrated at the Friendship Party. The panel introducing activities of the Automation Technology Technical Committee was also posted at the Standards 50<sup>th</sup> Anniversary Path in East Hall 2 at Exhibition site.
- The SEMI Standards Ballot and Voting System will be upgraded to improve performance, security, and usability, by seamlessly connecting the SEMI Standards program membership database and SEMI Virtual Meeting (SVM) system. A new online ballot system will be in full operation from Cycle 1, 2024. As it is now in the testing period, any feedback will be welcomed.

**Attachment:** 03\_Staff Report Dec 2023\_20231220

## 6 Ballot Review

None.

## 7 Subcommittee and Task Force Reports

### 7.1 AI Task Force

Takeo Yamaki (Yokogawa Digital) reported for the AI Task Force. The Task Force has not met since January last year, so there has been no updates.

**Attachment:** 04\_A1TF\_AT\_CommitteeReport\_20231220

### 7.2 Surface Mount Technology (SMT) Task Force

Nobuaki Minoshima (FUJI) reported for the Surface Mount Technology (SMT) Task Force. The Task Force had worked on Doc.#6827 (Line Item Revision to SEMI A2-0521, Specification for Surface Mount Assembler Smart Hookup (SMASH)), however, they found that the revision work have shifted away from its SNARF Scope. So, the Task Force proposed to abandon SNARF #6827.

**Motion:** Abandon SNARF#6827, Line Item Revision to SEMI A2-0521 Specification for Surface Mount Assembler Smart Hookup (SMASH).

**By / 2<sup>nd</sup>:** Takeo Yamaki (Yokogawa Digital)/ Yasuhiro Kaneko (Yamaha Motor)

**Discussion:** None.

**Vote:** 8-0. Motion passed.

**Attachment:** 05\_SMT TF Report\_2023\_0623

### 7.3 F-GEM Task Force

Takeo Yamaki (Yokogawa Digital) reported for the F-GEM Task Force. The TF met online on December 5 and discussed events that occur during production. The TF would like to have a discussion with SMT TF regarding data content associated with each event. Terry Asakawa (Vistaideal Consulting) advised it is important to decide the timeline as well as mandatory/ optional data. The TF will meet on January 31, 2024 to continuously consider the scenario.

**Attachment:** 06\_F-GEM TF\_AT\_CommitteeReport\_20231220

## 8 Old Business

### 8.1 Project Period Review

None.

### 8.2 5-year Review

None.

## 9 New Business

### 9.1 New SNARF

Nobuaki Minoshima (FUJI), co-leader of the Surface Mount Technology (SMT) Task Force proposed new SNARF for Line Item Revision to SEMI A2-0722, Specification for Surface Mount Assembler Smart Hookup (SMASH). The Task Force will add description of SetRouteSpec for recovery operation as well as investigate the biased wordings and correct them as appropriate if any.

**Motion:** Approve SNARF for Line Item Revision to SEMI A2-0722, Specification for Surface Mount Assembler Smart Hookup (SMASH).

**By / 2<sup>nd</sup>:** Nobuaki Minoshima (FUJI)/ Takeo Yamaki (Yokogawa Digital)

**Discussion:** None.

**Vote:** 9-0. Motion passed.

**Motion:** Authorize the Document (Line Item Revision to SEMI A2-0722, Specification for Surface Mount Assembler Smart Hookup (SMASH), Doc.# to be assigned) for Letter Ballot in Cycle 2 or 3, 2024.

**By / 2<sup>nd</sup>:** Nobuaki Minoshima (FUJI)/ Yasuhiro Kaneko (Yamaha Motor)

**Discussion:** None.

**Vote:** 9-0. Motion passed.

The committee also agreed to investigate A1 and A5 whether they have biased terminology and make changes to address them if any.

**Attachment:** 07\_SNARF\_for\_Line\_Item\_Revision\_to\_SEMI\_A2-0722

## 10 Action Item Review

### 10.1 Open Action Items

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

### 10.2 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
AT20231220-01	A1 Task Force F-GEM Task Force	To investigate how to address restricted biased terminology in SEMI A1 and A5 (Master, Slave), and make changes to address them in the Specification.

## 11 Next Meeting and Adjournment

The next meeting is scheduled for May 22, 2024 13:30-16:00 (JST) via OVTCCM and at SEMI Japan Office, Tokyo, Japan. See <http://www.semi.org/standards-events> for the current list of events.



Adjournment: [15:30].

Respectfully submitted by:

Akiko Yoshida

Standards & EHS, SEMI Japan

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Minutes tentatively approved by:

Fumiyasu Ohbuchi (Siemens Japan), Co-chair	January 9, 2024
Yasuhiro Kaneko (YAMAHA Motor), Co-chair	January 11, 2024
Terry Asakawa (Vistaideal Consulting), Co-chair	

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

<i>Title</i>	<i>Title</i>
01_Meeting Reminders	05_SMT TF Report_2023_0623
02_AT JA TC Minutes_230623_R1	06_F-GEM TF_AT_CommitteeReport_20231220
03_Staff Report Dec 2023_20231220	07_SNARF_for_Line_Item_Revision_to_SEMI_A2-0722
04_AITF_AT_CommitteeReport_20231220	

#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](http://www.semi.org). For additional information or to obtain individual attachments, please contact Akiko Yoshida at the contact information above.