



Automation Technology Japan TC Chapter Meeting Summary and Minutes (Draft)

Japan Standards Fall 2019 Meetings
October 2, 2019 Begin 15:00 – End 17:00
SEMI Japan, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Wednesday, December 18, 2019 Begin 13:00 – End 15:00

SEMI Japan, Tokyo, Japan

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Teruaki Ito (Mitsubishi Electric), Terry Asakawa (Vistaideal Consulting), Fumiyasu Ohbuchi (SIEMENS)

SEMI Staff: Junko Collins

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Panasonic	Inoue	Takahiro (Teddy)	Tokyo Electron	Murata	Naoko
Musashi Engineering	Koiwa	Keisuke	Vistaideal Consulting	Asakawa	Terry
JUKI	Imasu	Takahiko	Cimetrix	Takanashi	Yukiya
Yokogawa Solution Service	Nakagawa	Takashi	Yokogawa Solution Service	Yamaki	Takeo
FUJI	Iisaka	Jun	Yamaha Motor	Torii	Naoya
SIEMENS	Ohbuchi	Fumiyasu	Yamaha Motor	Kamiya	Naohiro
SIEMENS	Nakahara	Kazuki	Yamaha Motor	Kaneko	Yasuhiro
			SEMI Japan	Collins	Junko

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
TC Chapter co-chairs	Teruaki Ito – Mitsubishi Electric Terry Asakawa – Vistaideal Consulting Fumiyasu Obuchi – SIEMENS	Yasuhiro Kaneko – YAMAHA Motor (GCS) Terry Asakawa – Vistaideal Consulting (GCS) Fumiyasu Obuchi – SIEMENS Teruaki Ito – Mitsubishi Electric
A1 Task Force *Former Flow Oriented Manufacturing Line Operation System (FOMLOS) TF was disbanded for renaming to A1 Task Force.		Kazuki Nakahara – SIEMENS Takeo Yamaki – Yokogawa Solution Services
SMT Task Force	Hiroyuki Ao – FUJI Kazuhiko Inoue – JUKI Takahiro Inoue – Panasonic	Jun Iisaka – FUJI Takahiko Imasu – JUKI Atsushi Horibe – Panasonic

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
	Yasuhiro Kaneko – Yamaha Motor	

Table 3 Committee Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
Flow Oriented Manufacturing Line Operation System (FOMLOS) TF *Former Flow Oriented Manufacturing Line Operation System (FOMLOS) TF was disbanded for renaming to A1 Task Force	A1 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 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 6 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		A1 TF	Line Item Revision to SEMI A1-mmy (Doc. 6514) Specification for Production Equipment Smart Connection Interface (PESCI)
TBD		SMT TF	Line Item Revision to SEMI A2-mmy (Doc. 6478) 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/wstdsba1.nsf/TFOFSNARF>

Table 7 Authorized Ballots

<i>#</i>	<i>When</i>	<i>TF</i>	<i>Details</i>
None.			

Table 7 Authorized Ballots

#	When	TF	Details

Table 8 SNARF(s) Granted a One-Year Extension

#	TF	Title	Expiration Date
None.			

Table 9 SNARF(s) Abolished

#	TF	Title
None.		

Table 10 Standard(s) to receive Inactive Status

Standard Designation	Title
None.	

Table 11 New Action Items

Item #	Assigned to	Details

Table 12 Previous Meeting Action Items

Item #	Assigned to	Details
2017-0419-01	EIS Task Force leader and Japan AT TC Chapter Chair	To communicate with EU Chapter before GCS Vote for Global EIS TF discharge Closed due to aging treatment
2019-0724-01	Mizue Iwamura (SEMI Japan)	To ask for publishing #6478 and #6514 by October 2019 for promotions of Productronica November 2019. OPEN



1 Welcome, Reminders, and Introductions

Fumiyasu Ohbuchi (SIEMENS) called the meeting to order at 15:00. 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

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: To approve the meeting minute on July 24, 2019 as written.

By / 2nd: Kazuki Nakahara (SIEMENS) / Terry Asakawa (Vistaideal Consulting)

Discussion: None.

Vote: 13-0, motion passed.

Attachment: 02-00_AT Minutes_Draft_20190724_r2

3 Committee Leadership

Motion: To approve new appointment of Yasuhito Kaneko (Yamaha Motor) as co-chair of this TC Chapter.

By / 2nd: Terry Asakawa (Vistaideal Consulting) / Yasuhito Kaneko (Yamaha Motor)

Discussion: None.

Vote: 13-0, motion passed.

4 Liaison Reports

4.1 *Automation Technology Europe TC Chapter*

None.

4.2 *Automation Technology Taiwan TC Chapter*

None.

4.3 *FM Forum*

Yasuhiro Kaneko (Yamaha Motor) gave the FM Forum report. Of note, FMF adopt with Freeze Version mechanism and start with SEMI SMT-ELS Freeze Version 0 which contents of A1/A1.1(#6514) and A2(#6478). Also, FMF started discussion on interoperability testing.

Attachment: None

4.4 *SEMI Staff Report*

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

Attachment: 04-04_SEMI Staff Report 2019_0926_v0.1a

5 Ballot Review

NOTE 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.

None.

6 Subcommittee and Task Force Reports

6.1 *Flow Oriented Manufacturing Line Operation System (FOMLOS) TF*

Kazuki Nakahara (SIEMENS) gave the Surface Mount Technology (SMT) TF report as attached. Of note, the task force started discussion on new SNARF.

Attachment: 06-01_JA_AT_Committee_FOMLOS_TF_Report_2019_1002a

6.2 *Surface Mount Technology (SMT) TF*

The task force considers leadership change.

Motion: To change current task force leaders to new leaders as following
Current leaders: Hiroyuki Ao – FUJI, Kazuhiko Inoue – JUKI, Takahiro Inoue – Panasonic, Yasuhiro Kaneko – Yamaha Motor
New leaders: Jun Iisaka – FUJI, Takahiko Imasu – JUKI, Atsushi Horibe – Panasonic

By / 2nd: Yasuhiro Kaneko (Yamaha Motor) / Teddy Inoue (Panasonic)

Discussion: None.

Vote: 12-0, motion passed.

Attachment: None

6.3 *F-GEM Task force*

Terry Asakawa (Vistaideal Consulting) gave the F-GEM TF report as attached.

There were both positive and/or negative comments about vertical communication standard. However, for future smarter production line, not only horizontal communication but also vertical communication should be discussed in current stage.

Attachment: 06-03_F-GEM_TF_Report_2019_1002

7 Old Business

7.1 *Project period Review*

Junko Collins (SEMI Staff) reported that there was no project (SNARF) to be addressed.

7.2 *5-year Review*

Junko Collins (SEMI Staff) addressed that there was no document to be addressed.

8 New Business

8.1 Publication issues (Notes on creating the proofs of #6514 and #6478)

Staff was requested to forward the attached letter to SEMI HQ publication staff regarding notes on creating proofs of #6514 Major Revision to SEMI A1 and #6478 LI Revision to SEMIA2.

Although HQ publication staff and document author (in this case Terry Asakawa) already communicated and both agreed how to solve the issues, the committee decided to send this letter, thinking that official information sharing would be useful for future reference by other committee members ~~in the future~~.

Attachment: [08-01_2019_0915_Notes_on_Creating_a_Proof_#6514_and_#6478](#)

8.2 Reorganization of FOMLOS TF as A1 TF (Sunset FOMLOS TF and form A1 TF)

Regarding to sunset the FOMLOS TF and to establish the new task force called A1 Task force, Terry Asakawa explained some background to sunset this task force. One of main reasons is name of A1 Task Force shows clearly scope and purpose of the task force and it is easy for everybody to understand.

Motion: To sunset the FOMLOS TF
By / 2nd: Kazuki Nakahara (SIEMENS) / Takeo Yamaki (Yokogawa Solution Service)
Discussion: None.
Vote: 13/0, motion passed.

Kazuki Nakahara explained overview of new task force named A1 Task force.

Motion: To approve to establish AT TF as defined in the attached TFOF
By / 2nd: Kazuki Nakahara (SIEMENS) / Takeo Yamaki (Yokogawa Solution Service)
Discussion: None.
Vote: 13/0, motion passed.

Attachment: [08-02_2019_1001_TFOF_for_A1_TF R0.1](#)

8.3 SNARF for Line Item revision to SEMI A1

Kazuki Nakahara (SIEMENS) introduced the SNARF for Line Item Revision to SEMI A1-mmyy (Doc. 6514) SPECIFICATION FOR PRODUCTION EQUIPMENT SMART CONNECTION INTERFACE (PESCI). See the attached file.

Motion: To approve the SNARF for Line Item Revision to SEMI A1-mmyy (Doc. 6514) Specification for Production Equipment Smart Connection Interface (PESCI)
By / 2nd: Kazuki Nakahara (SIEMENS) / Takeo Yamaki (Yokogawa Solution Service)
Discussion: None.
Vote: 13/0, motion passed.

Attachment: [08-03_SNARF_for_LI_Revision_to_6514_A1&A1.1_PESCI_2019_1002a](#)

8.4 SNARF for Line Item revision to SEMI A2

Jun Iisaka introduced the SNARF for Line Item Revision to SEMI A2-mmyy (Doc. 6478) Specification for Surface Mount Assembler Smart Hookup (SMASH). See the attachment.



Motion: To approve the SNARF for Line Item Revision to SEMI A2-mmyy (Doc. 6478) Specification for Surface Mount Assembler Smart Hookup (SMASH)
By / 2nd: Jun Iisaka (FUJI / Takahiko Imasu (Yokogawa Solution Service)
Discussion: None.
Vote: 13/0, motion passed.

Attachment: 08-04_SNARF_for_LI_Revision_to_6478_A2_SMASH_2019_1002

8.5 SNARF for New Standard SMT-GEM (Introduction only)

Terry Asakawa just introduced attached SNARF.

Attachment: 08-05_SNARF_for_New_Standard_SMT-GEM_2019_0917

8.6 Use of SEMI Standards Execution Guide

Terry Asakawa just introduced the attached Execution Guide briefly.

Attachment: 08-06_SEMI_Standards_Execution_Guide_2019_0929

9 Action Item Review

9.1 Open Action Items

2017-0419-01	EIS Task Force leader and Japan AT TC Chapter Chair	To communicate with EU Chapter before GCS Vote for Global EIS TF discharge TC decided to close this action item due to difficulty of communication. This action item was not achieved even two years has passed and the TC decided that this action item was not realistic.
2019-0724-01	Mizue Iwamura (SEMI Japan)	To ask for publishing #6478 and #6514 by October 2019 for promotions of Productronica November 2019. OPEN

9.2 New Action Items

2019-1002-01	Staff	To send the letter about Notes on Creating Proofs of #6514 Major Revision to SEMI A1 and #6478 LI Revision to SEMIA2 to HQ publication staff as official statement by AT Japan TC Chapter.
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10 Next Meeting and Adjournment

The next meeting is scheduled for Wednesday, December 18, 2019 Begin 13:00 – End 15:00 at SEMI Japan, Tokyo, Japan. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment:



Respectfully submitted by:

Junko Collins
Standards & EHS
SEMI Japan
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Email: jcollins@semi.org

Minutes tentatively approved by:

Teruaki Ito (Mitsubishi Electric), Co-chair	
Fumiyasu Obuchi (SIEMENS), Co-chair	
Terry Asakawa (Vistaideal Consulting), Co-chair	

Table 13 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
01-02_SEMI Standards Required Elements_August2018_E+J	08-06_SEMI_Standards_Execution_Guide_2019_0929
02-00_AT Minutes_Draft_20190724_r2	
04-04_SEMI Staff Report 2019_0926_v0.1a	
06-01_JA_AT_Committee_FOMLOS_TF_Report_2019_1002a	
06-03_F-GEM_TF_Report_2019_1002	
08-01_2019_0915_Notes_on_Creating_a_Proof_#6514_and_#6478	
08-02_2019_1001_TFOF_for_A1_TF R0.1	
08-03_SNARF_for_LL_Revision_to_6514_A1&A1.1_PESCI_2019_1002a	
08-04_SNARF_for_LL_Revision_to_6478_A2_SMASH_2019_1002	
08-05_SNARF_for_New_Standard_SMT-GEM_2019_0917	

#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.