



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

Japan Standards Summer 2019 Meetings

July 24, 2019 Begin [13:30] – End [16:00]

SEMI Japan, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Wednesday, October 2, 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: Mizue Iwamura

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Cimetrix	Takanashi	Yukiya	Tokyo Electron	Murata	Naoko
Mitsubishi Electric	Ito	Teruaki	Yamaha Motor	Kaneko	Yasuhiro
Musashi Engineering	Koiwa	Keisuke	Yokogawa Solution Service	Nakagawa	Takashi
NaigaiTEC	Ogihara	Hideaki	Vistaideal Consulting	Asakawa	Terry
SIEMENS	Ohbuchi	Fumiyasu			
SIEMENS	Nakahara	Kazuki			
FUJI	Ao	Hiroyuki			
			SEMI Japan	Iwamura	Mizue

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
FOMLOS TF	Kazuki Nakahara (SIEMENS) Takeo Yamaki (Yokogawa Solution Service) Xiaonan Shi (Mitsubishi Electric)	Kazuki Nakahara (SIEMENS) Takeo Yamaki (Yokogawa Solution Service)
F-GEM TF	-	Terry Asakawa (Vistaideal Consulting)

Table 3 Committee Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
-	F-GEM TF

Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
6478	Line Item Revision to SEMI A2-0419: Specification for Surface Mount Assembler Smart Hookup (SMASH)	-
Line Item 1	Unify expressions 'Line Number' and 'LineID', 'Track Number' and 'TrackID'.	Passed , as balloted
Line Item 2	Change EquipID from BYTE to WORD.	Passed , as balloted
Line Item 3	Improve NetConfig and RouteConfig parameters.	Passed , as balloted
Line Item 4	Specify Material Handoff Scenarios to be implemented.	Passed , as balloted
Line Item 5	Change execution and propagation timing of SetRouteSpec.	Passed , as balloted
Line Item 6	Add TOP/BOTTOM to SetRouteSpec message.	Passed , as balloted
Line Item 7	Fill unused bytes of parameters with NULL.	Passed , as balloted
Line Item 8	Add suggested signal conversion and conveyor width adjustment to Related Information 1.	Passed , as balloted
6514	Revision to SEMI A1-0519 Specification for Horizontal Communication (HC) Between Equipment for Factory Automation System and A1.1-0918 Specification for Media Interface for a Horizontal Communication (HC) Between Equipment	Passed , as balloted

#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>
None.			

#1 SNARFs and TFOFs are available for review on the SEMI Web site at:

<http://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARF>

Table 7 Authorized Ballots

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

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
2019-0724-01	Mizue Iwamura (SEMI Japan)	To ask for publishing #6478 and #6514 by October 2019 for promotions of Productronica November 2019.

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 OPEN

1 Welcome, Reminders, and Introductions

Teruaki Ito (Mitsubishi Electric) 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: 01-02_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 April 18, 2019 as written.

By / 2nd: Yasuhiro Kaneko (Yamaha Motors) / Kazuki Nakahara (SIEMENS)

Discussion: None.

Vote: 8-0, motion passed.

Attachment: 02-00_AT Minutes_Draft_20190418_Signed_r1

3 Committee Leadership

Considering the balance of stakeholders, the committee recommended that one more co-chair from SMT related companies should be appointed

4 Liaison Reports

4.1 *Automation Technology Europe TC Chapter*

None.

4.2 *Automation Technology Taiwan TC Chapter*

Mizue Iwamura (SEMI) reported for the Automation Technology Taiwan TC Chapter as attached.

Attachment: 04-02_AT TW Liaison Report_20190612

4.3 *FM Forum*

Yasuhiro Kaneko (Yamaha Motor) gave the FM Forum report as attached.

Attachment: 04-03_FM Forum LiaisonReport_2019_0724a

4.4 *SEMI Staff Report*

Mizue Iwamura (SEMI Japan) gave the SEMI Staff Report. See attached file.

Attachment: 04-04_SEMI Staff Report 2019_0722_v1.0

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.

5.1 # 6478, Line Item Revision to SEMI A2-0419: Specification for Surface Mount Assembler Smart Hookup (SMASH)

5.1.1 Line Item 1 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

5.1.2 Line Item 2 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

5.1.3 Line Item 3 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

5.1.4 Line Item 4 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

5.1.5 Line Item 5 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

5.1.6 Line Item 6 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

5.1.7 Line Item 7 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

5.1.8 Line Item 8 **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

Attachment: 05-01_6478_Ballot report template (Line Item) with Technical Change Rev1.5_20190724

5.2 #6514, Revision to SEMI A1-0519 Specification for Horizontal Communication (HC) Between Equipment for Factory Automation System and A1.1-0918 Specification for Media Interface for a Horizontal Communication (HC) Between Equipment

5.2.1 The ballot **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

Attachment: 05-02_6514_Ballot report template with Technical Change Rev1.2_20190724

6 Subcommittee and Task Force Reports

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

Kazuki Nakahara (SIEMENS) gave the Flow Oriented Manufacturing Line Operation System (FOMLOS) TF report as attached. Also, he announced that Xiaonan Shi (Mitsubishi Electric) stepped down from co-leader of FOMLOS TF.

Attachment: 06-01_JA_AT_Committee_FOMLOS_TF_Report_2019_0724



6.2 Surface Mount Technology (SMT) TF

Hiroyuki Ao (FUJI) gave the Surface Mount Technology (SMT) TF report as attached.

Attachment: 06-02_SMT_TF_Report_2019_0724

7 Old Business

7.1 Project period Review

Mizue Iwamura (SEMI Staff) reported that there was no project (SNARF) to be addressed.

7.2 5-year Review

Mizue Iwamura (SEMI Staff) addressed that there was no document to be addressed.

8 New Business

8.1 TFOF for F-GEM Task Force

Terry Asakawa (Vistaideal Consulting) addressed the committee on this topic.

Motion: To approve a TFOF for F-GEM TF

By / 2nd: Terry Asakawa (Vistaideal Consulting) / Takashi Nakagawa (Yokogawa Solution Service)

Discussion: None.

Vote: 9-0, motion passed.

9 Next Meeting and Adjournment

The next meeting is scheduled for 13:00-15:00 on Wednesday, October 2, 2019 at SEMI Japan, Tokyo, Japan. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: 15:46



Respectfully submitted by:

Mizue Iwamura

Coordinator

Standards & EHS

SEMI Japan

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Minutes tentatively approved by:

Teruaki Ito (Mitsubishi Electric), Co-chair	August 13, 2019
Fumiyasu Obuchi (SIEMENS), Co-chair	August 13, 2019
Terry Asakawa (Vistaideal Consulting), Co-chair	August 13, 2019

Table 13 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
01-02_SEMI Standards Required Elements_August2018_E+J	
02-00_AT Minutes_Draft_20190418_Signed_r1	
04-02_AT TW Liaison Report_20190612	
04-03_FM Forum LiaisonReport_2019_0724a	
04-04_SEMI Staff Report 2019_0722_v1.0	
05-01_6478_Ballot report template (Line Item) with Technical Change Rev1.5_20190724	
05-02_6514_Ballot report template with Technical Change Rev1.2_20190724	
06-01_JA_AT_Committee_FOMLOS_TF_Report_2019_0724	
06-02_SMT_TF_Report_2019_0724	

^{#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.