



Automation Technology Japan TC Chapter

Meeting Summary and Minutes

Japan Standards Winter 2018 Meetings
 December 19, 2018 Begin [13:00] – End [17:00]
 SEMI Japan, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Thursday, April 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 Obuchi (SIEMENS)

SEMI Staff: Mizue Iwamura

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
CKD	Futamura	Ikuo	SAKI CORPORATION	Kashiwagi	Ryoji
FUJI	Ao	Hiroyuki	SIEMENS	Nakahara	Kazuki
FUJI	Iisaka	Jun	SIEMENS	Obuchi	Fumiyasu
JUKI	Inoue	Kazuhiko	TAMURA Corporation	Fukazawa	Masahiro
Mitsubishi Electric	Ito	Teruaki	Tokyo Electron	Murata	Naoko
Mitsubishi Electric	Shimazaki	Yusuke	Yamaha Motor	Kamiya	Naohiro
Mitsubishi Electric	Yutani	Takashi	Yamaha Motor	Kaneko	Yasuhiro
Musashi Engineering	Koiwa	Keisuke	Yokogawa Solution Service	Nakagawa	Takashi
Panasonic	Inoue	Takahiro	Yokogawa Solution Service	Yamaki	Takeo
Panasonic	Horibe	Atsushi			
Panasonic	Nishida	Hiroyoshi			
Panasonic	Tanaka	Keisuke	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	Xiaonan Shi (Mitsubishi Electric) Kazuki Nakahara (SIEMENS)	Xiaonan Shi (Mitsubishi Electric) Kazuki Nakahara (SIEMENS) Takeo Yamaki (Yokogawa Solution Service)

Table 3 Committee 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>
6396	New Standard: Specification for Surface Mount Assembler Smart Hookup (SMASH)	Passed , as balloted
6454	Line Item Revision to 'SEMI A1-0918 Specification for Horizontal Communication (HC) between Equipment for Factory Automation System'	
Line Item 1	Make revisions that are raised through implementation studies, such as an addition of ready check before S_MODE assertion and ABORT during PAUSE, and improve documentation.	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>
6480	SNARF	FOMLOS TF	Revision to SEMI A1-mmyy (#6454) 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
6478	SNARF	SMT TF	Line Item Revision to SEMI An-mmyy (Doc. 6396) 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 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
None.		

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 13:05. 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 Technical Committee Award

The following members received Technical Committee Award 2018.

Hiroyuki Ao (FUJI)
Jun Iisaka(FUJI)
Yasuhiro Kaneko (Yamaha Motor)
Naohiro Kamiya (Yamaha Motor)
Takashi Yutani (Mitsubishi Electric)

3 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: To approve the meeting minute on September 13, 2018 as written.

By / 2nd: Hiroyuki Ao (FUJI) / Naoko Murata (Tokyo Electron)

Discussion: None.

Vote: 19-0, motion passed.

Attachment: 03-00_AT Minutes_Draft_20180913_r1

4 Committee Organization

None.

5 Liaison Reports

5.1 *Automation Technology Europe TC Chapter*

None.

5.2 *Automation Technology Taiwan TC Chapter*

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

Attachment: 05-02_AT TW Liaison Report_20181003

5.3 *FM Forum*

Naoko Murata (Tokyo Electron) gave the FM Forum report as attached.

Attachment: 05-03_FM Forum Update 2018 1219

5.4 *SEMI Staff Report*

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

Attachment: 05-04_SEMI Staff Report 2018_1219c

6 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.

6.1 Document# 6396, New Standard: Specification for Surface Mount Assembly Smart Hookup (SMASH)

6.1.1 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: 06-01_6396_Ballot report

6.2 Document# 6454, Line Item Revision to 'SEMI A1-0918 Specification for Horizontal Communication (HC) between Equipment for Factory Automation System'

6.2.1 Line Item 1, Make revisions that are raised through implementation studies, such as an addition of ready check before S_MODE assertion and ABORT during PAUSE, and improve documentation. **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: 06-02_6454_Ballot report

7 Subcommittee and Task Force Reports

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

Kazuki Nakahara (SIEMENS) gave the Flow Oriented Manufacturing Line Operation System (FOMLOS) TF report as attached.

Attachment: 07-01_JA_AT_Committee_FOMLOS_TF_Report_2018_1219

Motion: To approve the appointment of Takeo Yamaki (Yokogawa Solution Services) to co-leader of Flow Oriented Manufacturing Line Operation System (FOMLOS) TF.

By / 2nd: Kazuki Nakahara (SIEMENS) / Yusuke Shimazaki (Mitsubishi Electric)

Discussion: None.

Vote: 20-0, motion passed.

7.2 *Surface Mount Technology (SMT) TF*

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

Attachment: 07-02_SMT_TF_Report_r2

8 Old Business

8.1 *Project period Review*

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

8.2 *5-year Review*

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

9 New Business

9.1 SNARF for Line Item Revision to SEMI An-mmyy (Doc. 6396) Specification for Surface Mount Assembler Smart Hookup (SMASH)

Hiryoyuki Ao (FUJI) addressed the committee on this topic.

Motion: To approve a SNARF for Line Item Revision to SEMI An-mmyy (Doc. 6396) Specification for Surface Mount Assembler Smart Hookup (SMASH)

By / 2nd: Hiryooyuki Ao (FUJI) / Yasuhiro Kaneko (Yamaha Motor)

Discussion: None.

Vote: 20-0, motion passed.

9.2 SNARF for Revision to SEMI A1-mmyy (#6454) 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

Kazuki Nakahara (SIEMENS) addressed the committee on this topic.

Motion: To approve a SNARF for Revision to SEMI A1-mmyy (#6454) 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

By / 2nd: Kazuki Nakahara (SIEMENS) / Takashi Nakagawa (Yokogawa Solution Service)

Discussion: None.

Vote: 20-0, motion passed.

10 Next Meeting and Adjournment

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

Adjournment: 14:05



Respectfully submitted by:

Mizue Iwamura

Coordinator

Standards & EHS

SEMI Japan

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Minutes tentatively approved by:

Teruaki Ito (Mitsubishi Electric), Co-chair	January 30, 2019
Fumiyasu Obuchi (SIEMENS), Co-chair	January 30, 2019
Terry Asakawa (Vistaideal Consulting), Co-chair	January 30, 2019

Table 13 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
01-02_SEMI Standards Required Elements_August2018_E+J	09-01_SNARF_for_LI_Revision_to_6396_SMASH_2018_1219a
03-00_AT Minutes_Draft_20180913_r1	09-02_SNARF_for_Revision_to_A1A1.1_HC_2018_1219a
05-02_AT TW Liaison Report_20181003	
05-03_FM Forum Update 2018 1219	
05-04_SEMI Staff Report 2018_1219c	
06-01_6396_Ballot report	
06-02_6454_Ballot report	
07-01_JA_AT_Committee_FOMLOS_TF_Report_2018_1219	
07-02_SMT_TF_Report_r2	

#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.