



Automation Technology Japan TC Chapter Meeting Summary and Minutes

Japan Standards Spring Meetings 2018

Apr. 20, Begin [13:00] – End [17:00]

SEMI Japan, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Tuesday July 24, 2018 Begin [13:30] – End [17:00]

SEMI Japan, Tokyo, Japan

Table 1 Meeting Attendees

Italics indicate virtual participants

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

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	Tokyo Electron	Murata	Naoko
FUJI	Ao	Hiroyuki	Vistaideal Consulting	Asakawa	Terry
JUKI AUTOMATION SYSTEMS	Inoue	Kazuhiko	Yokogawa Solution Service	Nakagawa	Takashi
Mitsubishi Electric	Takahashi	Katsuyoshi	Yokogawa Solution Service	Yamaki	Takeo
SIEMENS	Kato	Kiyoshi	SEMI Japan	Iwamura	Mizue

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
SMT (Surface Mount Technology) TF	-	Hiroyuki Ao (FUJI) Kazuhiko Inoue (JUKI) Takahiro Inoue (Panasonic) Yasuhiro Kaneko (YAMAHA)

Table 3 Committee Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
-	SMT (Surface Mount Technology) TF is newly established.

Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
6328	LINE ITEM REVISION TO: 'SEMI A1-0617 SPECIFICATION FOR HORIZONTAL COMMUNICATION (HC) BETWEEN EQUIPMENT FOR FACTORY AUTOMATION SYSTEM'	
Line Item 1	Add transitions for communication errors to Data Handshake and Mode Resolution Handshake	Passed , as super-clean
6329	LINE ITEM REVISION TO: 'SEMI A1-0617 SPECIFICATION FOR HORIZONTAL COMMUNICATION (HC) BETWEEN EQUIPMENT FOR FACTORY AUTOMATION SYSTEM', AND 'SEMI A1.1-0617 SPECIFICATION FOR MEDIA INTERFACE FOR A HORIZONTAL COMMUNICATION (HC) BETWEEN EQUIPMENT'.	
Line Item 1	Remove PV specific items.	Passed , as balloted
Line Item 2	Make the following improvements regarding Data Brock and its messaging	Passed , with a technical change and an editorial change. Ratification ballot to be issued to Cycle 5-2018.
Line Item 3	Add explanation that Data Handshake may be used for the host and equipment connection	Passed , as balloted
Line Item 4	Improve English expressions and document readabilities	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>
6396	SNARF	SMT TF	New Standard: SPECIFICATION FOR SURFACE MOUNT ASSEMBLY 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

Terry Asakawa (Vistaideal Consulting) called the meeting to order at 13:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: 01-02_Required_Elements_Reg_20150327_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 December 21, 2017 with some modifications.

By / 2nd: Naoko Murata (Tokyo Electron) / Katsuyoshi Takahashi (Mitsubishi Electric)

Discussion: Document number should be added on Table 6 and Table 7.

Vote: 8-0, motion passed.

Attachment: 02-00_AT Minutes_20171221

3 Liaison Reports

3.1 *Automation Technology Europe TC Chapter*

None.

3.2 *Automation Technology Taiwan TC Chapter*

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

Attachment: 03-02_180125_Taiwan_Automation Technology_Liaison_v1.1

3.3 *FlowMaster Forum*

Terry Asakawa (Vistaideal Consulting) reported for the FlowMaster Forum. The inter-tier conformance between SEMIA1 and the specifications of upper tier for SMT from JARA was confirmed on March 19, 2018. The next meeting will be held at 1 p.m. on Monday, April 23, 2018. The specifications are needed to be confirmed.

3.4 *SEMI Staff Report*

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

Attachment: 03-04_SEMI Staff Report 20180423_r0

4 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.

4.1 Document # 6328, LINE ITEM REVISION TO: 'SEMI A1-0617 SPECIFICATION FOR HORIZONTAL COMMUNICATION (HC) BETWEEN EQUIPMENT FOR FACTORY AUTOMATION SYSTEM'

4.1.1 Line Item 1: Add transitions for communication errors to Data Handshake and Mode Resolution Handshake

Line Item 1 **passed** as balloted.

Attachment: 04-01_6328_BallotReport

4.2 Document # 6329, LINE ITEM REVISION TO: 'SEMI A1-0617 SPECIFICATION FOR HORIZONTAL COMMUNICATION (HC) BETWEEN EQUIPMENT FOR FACTORY AUTOMATION SYSTEM'

4.2.1 Line Item 1: Remove PV specific items.

Line Item 1 **passed** as balloted.

4.2.2 Line Item 2: Make the following improvements regarding Data Brock and its messaging

Line Item 2 **passed** with a technical change and an editorial change. Ratification ballot to be issued to Cycle 5-2018.

4.2.3 Line Item 3: Add explanation that Data Handshake may be used for the host and equipment connection

Line Item 3 **passed** as balloted.

4.2.4 Line Item 4: Improve English expressions and document readabilities

Line Item 4 **passed** as balloted.

Attachment: 04-02_6329_BallotReport

5 Subcommittee and Task Force Reports

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

Katsuyoshi Takahashi (Mitsubishi Electric) reported for FOMLOS TF. Of note;

- Last meeting was held on April 20, and next meeting is TBD.
- FOMLOS TF submitted two ballots #6328 and #6329 to Cycle2-2018.

Attachment: 05-01_FOMLOS TF Report_20180420

6 Old Business

6.1 *Project period Review*

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

6.2 *5-year Review*

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

7 New Business

7.1 *TFOF for Japan SMT TF*

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

Motion: To approve a TFOF for Surface Mount Technology (SMT) TF.

By / 2nd: Hiroyuki Ao (FUJI) / Kazuhiko Inoue (JUKI)

Discussion: None.

Vote: 8-0, Motion passed.

Attachment: 07-01_TFOF_for_SMT_TF_2018_0319_r1

7.2 *SNARF for M2M Interface for SMT*

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



Motion: To approve a SNARF for New Standard: SPECIFICATION FOR SURFACE MOUNT ASSEMBLY SMART HOOKUP (SMASH).
By / 2nd: Hiroyuki Ao (FUJI) / Kazuhiko Inoue (JUKI)
Discussion: None.
Vote: 8-0, Motion passed.

Attachment: 07-02_SNARF_for_New_Standard_SMT_2018_0319_r1

8 Next Meeting and Adjournment

The next meeting is scheduled 1:30 p.m. on July 24 at SEMI Japan, Tokyo, Japan. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: 18:15.

Respectfully submitted by:

Mizue Iwamura
 Coordinator
 Standards & EHS
 SEMI Japan
 Phone: 81.3.3222.5760
 Email: miwamura@semi.org

Minutes tentatively approved by:

Teruaki Ito (Mitsubishi Electric), Co-chair	June 21, 2018
Terry Asakawa (Vistaideal Consulting), Co-chair	June 21, 2018

Table 13 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
01-02_Required_Elements_Reg_20150327_E+J	07-01_TFOF_for_SMT_TF_2018_0319_r1a
02-00_AT Minutes_20171221a	07-02_SNARF_for_New_Standard_SMT_2018_0319_r1
03-02_180125_Taiwan_Automation Technology Liaison_v1.1	
03-04_SEMI Staff Report 20180423_r0	
04-01_6328_BallotReport	
04-02_6329_BallotReport	
05-01_FOMLOS TF Report_20180420	

^{#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.