



# Automation Technology Taiwan TC Chapter

## Meeting Summary and Minutes

Taiwan Winter Standards Meeting 2020

Friday, December 25, 2020, 14:00 – 16:00

5F No. 69 Minzu Road, East District, Hsinchu City, 300

### TC Chapter Announcements

*Next TC Chapter Meeting*

March 24, 2021

14:00-16:00

SEMI Hsinchu Office, Taiwan

### Table 1 Meeting Attendees

*Italics indicate virtual participants*

**Co-Chairs:** Jui Ming Hua/ MIRDC

**SEMI Staff:** Cher Wu

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Castec	Mike	Huang	ITRI	Ming-Hsiang	HSU
Cimetrix	Michael	LEE	TPCA	Matthew	Chang
ITRI	CHI-PIN	CHEN	TPCA	Michelle	Hung

### Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
None		

### 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>
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**

#	Type	SC/TF/WG	Details
None			

**Table 6 Authorized Activities**

Listing of all revised or new SNARF(s) approved by the Originating TC Chapter.

#	Type	SC/TF/WG	Details
None			

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

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

**Table 7 Authorized Ballots**

#	When	TF	Details
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
1	SEMI staff	SEMI to visit TSIA to collection their members' need or idea about the Prevention Maintenance topic. <b>_CLOSED</b> Tai-Hsin Chou/ ITRI & YC Li/ GPM will join the visit together with SEMI. Due to TSIA members do not want to share at this moment.
2	SEMI Staff & Matthew Chang, TPCA	Continue discussion about the partnership or corporation for promoting SEMI A3. <b>_OPEN</b>



## 1 Welcome, Reminders, and Introductions

Committee Co-chair Jui Ming Hua/MIRDC called the meeting to order at 14:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment:** [Meeting Reminder 2020](#)

## 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

**Motion:** Approve previous meeting minute  
**By / 2<sup>nd</sup>:** C.P. Chen, ITRI / Michael Lee, Cimatrix  
**Discussion:** After review, all TC members agreed to approve it.  
**Vote:** 6-0 in favor. Motion passed

**Attachment:** [20200930\\_AT Meeting Minutes v2](#)

## 3 Liaison Reports

*AT Japan TC Chapter*

### 3.1 Meeting information

Last meeting: November 5, 2020/ SEMI Japan, Tokyo, Japan

Next meeting: January 28, 2021/ SEMI Japan, Tokyo, Japan

Virtual TC Chapter simulation training will also be conducted

### 3.2 Authorized Activities

Doc #	Type	SC/TF/CFG	Document Title/Details
6692	SNARF	A1 TF	Line Item Revision to SEMI A1-1020 SPECIFICATION FOR PRODUCTION EQUIPMENT SMART CONNECTION INTERFACE (PESCI)

### 3.3 Authorized Ballots

Doc #	Type	SC/TF/CFG	Document Title/Details
6692	Cycle 9	A1 TF	Line Item Revision to SEMI A1-1020 SPECIFICATION FOR PRODUCTION EQUIPMENT SMART CONNECTION INTERFACE (PESCI)

### 3.4 Task Force Highlights

- *A1 (SEMI A1) TF*

Description	Status
SEMI A1-1020 Production Equipment Smart Connection Interface (PESCI)	Published
SEMI A1.1-1020 TCP/IP Interface for PESCI	Published
#6692 LI Revision to SEMI A1-1020 PESCI	Under voting



- *SMT (Surface Mount Technology) TF*

Description	Status
<i>SEMI A2-1020 Surface Mount Assembler Smart Hookup (SMASH)</i>	<i>Published</i>
<i>#6672 LI Revision to SEMI A2-1020 SMASH</i>	<i>Under voting</i>

- *F-GEM TF (Flow-shop Generic Equipment Model TF)*

Description	Status
<i>#6673 New Standard Factory Operation eXtension for SEMI A2 SMASH (SMASH-FOX)</i>	<i>Under voting</i>

### 3.5 Other Topics

- *SEMI Flow Manufacturing Forum*
  - *Implementation promotion for Freeze Version 01.00.00 of SEMI SMT-ELS Standard suite*
  - *SEMI A2-1020 SMASH, SEMI A1-1020 PESCI, and SEMI A1.1-1020 TCP/IP Interface for PESCI*

### 3.6 Open SNARF(s)

#	TF	Title
<i>Doc. 6692</i>	<i>A1 (SEMI A1)</i>	<i>Line Item Revision to SEMI A1-1020 SPECIFICATION FOR PRODUCTION EQUIPMENT SMART CONNECTION INTERFACE (PESCI)</i>
<i>Doc. 6673</i>	<i>F-GEM TF (Flow-shop Generic Equipment Model)</i>	<i>New Standard: SPECIFICATION FOR FACTORY OPERATION EXTENSION FOR SEMI A2 SMASH (SMASH-FOX)</i>
<i>Doc. 6672</i>	<i>SMT (Surface Mount Technology)</i>	<i>Line Item Revisions to SEMI A2-1020: Specification for Surface Mount Assembler Smart Hookup (SMASH)</i>

## 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.

Doc #	Document Title	TC Chapter Action
None		

## 5 Subcommittee and Task Force Reports

- PCBECI Task Force
  - 5.1 Meeting information:
    - Last Meeting: 2020/12/16, TPCA office
    - Next Meeting: 2021/03/17, TBD

### 5.2 Leadership Change

WG/TF/SC/TC Name	Previous Leader	New Leader
PCBECI TF	Filo Chang	J.S. Su



### 5.3 New SNARFs: Line Item Revisions to SEMI A3-0819 SPECIFICATION FOR PRINTED CIRCUIT BOARD EQUIPMENT COMMUNICATION INTERFACES (PCBECI)

The TC Chapter reviewed the New SNARF for Line Item Revisions to SEMI A3-0819 SPECIFICATION FOR PRINTED CIRCUIT BOARD EQUIPMENT COMMUNICATION INTERFACES (PCBECI)

Motion: Approve New SNARF Activity for above.

By / 2nd: C.P. Chen, ITRI / Michael Lee, Cimetrix

Discussion: After review and discussion, all TC members agreed to approve it to revise A3 for 5 selected point.

Vote: 6-0 in favor. Motion passed

### 5.4 Ballot Plans:

PCBECI (Line Item Revisions) ballot at Cycle 4, 2021

Attachment: PCBECI TF Leader report 20201225

## 6 Old Business

6.1 TC Co-Chair .Dr. Peng retired, next meeting will discuss the replacement plan\_**OPEN**

6.2 SEMI to visit TSIA to collection their members' need or idea about the Prevention Maintenance topic\_**CLOSED**

6.3 SEMI Staff & Matthew Chang, TPCA continue discussion about the partnership or corporation for promoting SEMI A3\_**OPEN**

## 7 New Business

7.1 Completed SVM training at the TC meeting.

Motion: Approve to adopt SVM in the future TC meetings

By / 2nd: Michael Lee, Cimetrix / C.P. Chen, ITRI

Discussion: After review and discussion, all TC members agreed to approve it to adopt.

Vote: 6-0 in favor. Motion passed

## 8 Next Meeting and Adjournment

The next meeting is scheduled on [March 24, 2021 SEMI Hsinchu office](#). See for the current list of events.

Adjournment: 16:00.

Respectfully submitted by:

Cher Wu

Senior Executive Consultant

SEMI Taiwan

Phone: 886-3-560-1777 #510

Email: cherwu@semi.org

Minutes tentatively approved by:



, Co-chair	<Date approved>
Jui Ming Hua/ MIRDC	1/5/2021 approved

**Table 13 Index of Available Attachments#1**

<i>Title</i>	<i>Title</i>
<u>01 Meeting Reminder 2020</u>	04_ PCBECI TF Leader report 20201225
<u>02 20200930 AT Meeting Minutes v2</u>	
<u>03_JA_AT_Liaison_202025_v0.2NewTemplate</u>	

#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 [SEMI Staff Name] at the contact information above.