



## I&C Taiwan TC Chapter

### Meeting Summary and Minutes

Taiwan Summer Standards Meeting 2020

Friday, July 31, 2020, 14:00 – 17:00

11F-2, No. 1, Taiyuan 1st Street, Zhubei City, Hsinchu County, Taiwan

#### TC Chapter Announcements

Next TC Chapter Meeting

October 16, 2020

SEMI Taiwan Office, Hsinchu, Taiwan

#### Table 1 Meeting Attendees

**Deputy Co-Chairs:** Scott Yu (TSMC)

**SEMI Staff:** Cher Wu

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
ATOTECH Taiwan	David	Chiu	Kokusai Electric	Mitsuhiro	Matsuda
BLVD8	Jerry	Cho	MIRDC	Nate	Tsai
Changing Information Technology	Miller	Chang	Moxa	Chris	Chen
Cimetrix Inc	Michael	Lee	Moxa	Matt	Chung
Delta	Anderson	Ni	NCU	Pang-Wei	Tsai
Egis Technology	Karen	Chang	Nifty	Mitch	Sakamoto
FIL Technology	Jack	Huang	ONWARD SECURITY	Jungle	Pan
ITRI	Ares	Cho	PEER Group Inc.	Albert	Fuchigami
ITRI	Vannia	Lin	Powerchip	Tim	Chen
ITRI	Darren	Chung	Screen	Takayuki	Nishimura

#### 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>
6346C	Revision to Add a New Subordinate Standard: Specification for Protocol Buffers for Equipment Client Authentication and Authorization (ECA) to SEMI E132-0419: Specification for Equipment Client Authentication and Authorization	<b>Failed</b>
6527B	Revision to SEMI E125-0414, Specification for Equipment Self Description (EqSD)	<b>Failed</b>
6552A	Line Item Revision to SEMI E5-0219: Specification For SEMI Equipment Communications Standard 2 Message Content (SECS-II)	
Line Item 2	Logical Naming Conventions	<b>Failed</b>
6553B	Revision to SEMI E134-0319 Specification for Data Collection Management	<b>Failed</b>
6571B	Revision to SEMI E132-0419: Specification for Equipment Client Authentication and Authorization	<b>Failed</b>
6598A	Line Item Revision to SEMI E37-0819: Specification For High Speed Secs Message Services (HSMS) Generic Services	
Line Item 1	Query Interface Setup	<b>Failed</b>
6648	Line Item Revisions to E142-0211 (Reapproved 1016): Specification for Substrate Mapping	
Line Item 1	To add substrate types, including, but not limited to; tape and reel, panel and printed circuit board (PCB).	<b>Passed</b>
Line Item 2	To add device level raw materials and process variable traceability feature to the data model and schema.	<b>Passed</b>

#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>
6346C	Adjudication Locale Transfer	DDA TF	Revision to Add a New Subordinate Standard: Specification for Protocol Buffers for Equipment Client Authentication and Authorization (ECA) to SEMI E132-0419: Specification for Equipment Client Authentication and Authorization
6527B	Adjudication Locale Transfer	DDA TF	Revision to SEMI E125-0414, Specification for Equipment Self Description (EqSD)
6552A LI-2	Adjudication Locale Transfer	GEM 300 TF	Logical Naming Conventions
6553B	Adjudication Locale Transfer	DDA TF	Revision to SEMI E134-0319 Specification for Data Collection Management
6571B	Adjudication Locale Transfer	DDA TF	Revision to SEMI E132-0419: Specification for Equipment Client Authentication and Authorization
6598A	Adjudication Locale Transfer	GEM 300 TF	Line Item Revision to SEMI E37-0819: Specification For High Speed Secs Message Services (HSMS) Generic Services
6648 LI-1	Adjudication Locale Transfer	ABFI TF	To add substrate types, including, but not limited to; tape and reel, panel and printed circuit board (PCB).

**Table 5 Activities Approved by the GCS between meetings of the TC Chapter**

#	Type	SC/TF/WG	Details
6648 LI-2	Adjudication Locale Transfer	ABFI TF	To add device level raw materials and process variable traceability feature to the data model and schema.

Adjudication of all the above ballots was transferred from the NA TC Chapter to the Taiwan TC Chapter by approval of the Global Coordinating Subcommittee on July 29, 2020.

**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/TFOFSNARF>

**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
1	Cher Wu & TF leaders or members	Plan a SEMI Standards Introduction to TSMC Information Technology Team.
2	Cher Wu & TF leaders or members	Plan a SEMI Standards Promotion Education Seminar to Taiwan local members.

**Table 12 Previous Meeting Action Items**

Item #	Assigned to	Details
2020-March-01	SEMI Staff	Discuss with C.H. Wei for Automation Training - <b>CLOSED</b>



**Table 12 Previous Meeting Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
2020-March-02	Michael Lee/Cimetrix	Confirm Japan DDA TF for EDA TF Freeze - <b>CLOSED</b>

**1 Welcome, Reminders, and Introductions**

Committee deputy Co-Chairs: Scott Yu (TSMC) 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 held on May 8, 2020.

- Motion:** Approve previous meeting minute
- By / 2<sup>nd</sup>:** Michael Lee/Cimetrix / David Chiu/ Atotech
- Discussion:** After review, all TC members agreed to approve it
- Vote:** 15-0 in favor. Motion passed

**Attachment:** [20200508 I&C Meeting Minutes](#)

**3 Liaison Reports**

3.1 *I&C North America TC Chapter*

3.1.1 Cher Wu (SEMI TW) reported for the I&C North America TC Chapter. Of note:

- Ballot Results for Cycle 2-2020

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
6346B	Revision to Add a New Subordinate Standard: Specification for Protocol Buffers for Equipment Client Authentication and Authorization (ECA) to SEMI E132-1015, Specification for Equipment Client Authentication and Authorization	<b>Failed</b>
6506	New Standard: Specification for Cybersecurity of Fab Equipment	<b>Failed</b>
6527A	Revision to SEMI E125-0414, Specification for Equipment Self Description (EqSD)	<b>Failed</b>
6552	Line Item Revision to SEMI E5-0219: Specification For SEMI Equipment Communications Standard 2 Message Content (SECS-II)	
6552 LI-1	SEMI E5 - Query Interface Setup	<b>Failed</b>
6552 LI-2	SEMI E5 - Logical Naming Conventions	<b>Failed</b>
6552 LI-3	SEMI E5 - S7F17/F18 Clarification	<b>Failed</b>
6553A	Revision to SEMI E134-0319 Specification for Data Collection Management	<b>Failed</b>
6566	New Standard: Specification for Malware Free Equipment Integration	<b>Failed</b>
6571A	Revision to SEMI E132-0419: Specification for Equipment Client Authentication and Authorization	<b>Failed</b>
6573	Line Item Revision to SEMI E142-0211 (Reapproved 1016): Specification for Substrate Mapping	

6573 LI-1	SEMI E142 - Adding packaging raw materials traceability method	Failed
6598	Line Item Revision to SEMI E37-1018: Specification for High Speed Secs Message Services (HSMS) Generic Services and SEMI E37.1-0819: Specification for High-Speed Secs Message Service Single Selected-Session Mode (HSMS-SS)	
6598 LI-1	SEMI E37 - Query Interface Setup	Failed

Adjudication of all the above ballots except 6506 was transferred from the NA TC Chapter to the Taiwan TC Chapter by approval of the Global Coordinating Subcommittee on April 20, 2020.

#### Activities Approved via GCS between Meetings

#	Type	SC/TF/WG	Details
6648 LI-1	Adjudication Locale Transfer	ABFI TF	To add substrate types, including, but not limited to; tape and reel, panel and printed circuit board (PCB).
6648 LI-2	Adjudication Locale Transfer	ABFI TF	To add device level raw materials and process variable traceability feature to the data model and schema.
6552A LI-2	Adjudication Locale Transfer	GEM 300 TF	Logical Naming Conventions
6346C	Adjudication Locale Transfer	DDA TF	Revision to Add a New Subordinate Standard: Specification for Protocol Buffers for Equipment Client Authentication and Authorization (ECA) to SEMI E132-0419: Specification for Equipment Client Authentication and Authorization
6527B	Adjudication Locale Transfer	DDA TF	Revision to SEMI E125-0414, Specification for Equipment Self Description (EqSD)
6553B	Adjudication Locale Transfer	DDA TF	Revision to SEMI E134-0319 Specification for Data Collection Management
6571B	Adjudication Locale Transfer	DDA TF	Revision to SEMI E132-0419: Specification for Equipment Client Authentication and Authorization
6598A	Adjudication Locale Transfer	GEM 300 TF	Line Item Revision to SEMI E37-0819: Specification For High Speed Secs Message Services (HSMS) Generic Services

#### Attachment: NA I&C Liaison Report 2020-July v1

##### 3.2 I&C Japan TC Chapter

###### Meeting Information

- Last meeting
  - Friday, December 13, 2019 in conjunction with SEMICON Japan 2019
    - Conference Tower, Tokyo Big Sight, Tokyo, Japan
- Next meeting
  - To be announced when the meeting date is determined.

##### 3.3 I&C Europe TC Chapter

- None.

##### 3.4 I&C Korea TC Chapter

- Meeting Information
  - Last meeting
    - July 17, 2020



- SEMI Korea office, Seoul, Korea
- Next meeting
  - October 30, 2020
  - ASM, Gyeonggi-do, Korea

Ballot Results

Doc #	Document Title	TC Chapter Action
5832B	New Standard, Equipment Generic Counter Model	Failed and sent to TF for rework

Activities Approved via GCS between Meetings

Doc #	Type	SC/TF/CFG	Title/Details
6650	SNARF	GEM300 TF	Line Item Revision to E87-0619, Specification for Carrier Management (CMS) – <b>Approved and authorized for ballot in voting Cycle 5-2020 by GCS on 05/08/2020</b>
5832B	Ballot	GEM300 TF	New Standard, Specification for Equipment Counter Model – <b>Authorized for ballot in voting Cycle 5-2020 by GCS on 05/08/2020</b>

Authorized Activities

Doc #	Type	SC/TF/CFG	Document Title/Details
6650	SNARF	GEM300 TF	Line Item Revision to E87-0619, Specification for Carrier Management (CMS) – <b>SNARF scope revised and approved. To Natalie: 2 Week review sent out?</b>

Authorized Ballots

Doc #	When	TF	Document Title/Details
6650	Cycle 6 or 7-2020	GEM300 TF	Line Item Revision to E87-0619, Specification for Carrier Management (CMS)
5832C	Cycle 6 or 7-2020	GEM300 TF	New Standard, Specification for Equipment Counter Model

Attachment: [Korea I&C KR Liaison July2020](#)

3.5 SEMI Staff Report

Cher (SEMI TW) gave the SEMI Staff Report. Of note:

- SEMI Global 2020 Calendar of Events
- 2020 Critical Dates for SEMI Standards Ballots
- Promotion activity

Attachment: [I&C TC Staff Report 20200731](#)

#### 4 Ballot Review

- None

#### 5 Task Force Reports

##### 5.1 GEM300 Task Force

- No report

##### 5.2 Equipment Information Integration Task Force

- No report

##### 5.3 Backend Factory Integration TF

- No report

##### 5.4 Fab and Equipment Information Security TF

**Motion:** Q-0007 Equipment supplier shall provide anti-virus list change to malware protection mechanism

**Second:** Jungle Pan (Onward Security) / Michael Lee (Cimetrix)

**Discussion:**

**Vote:** 16-0 passed

**Motion:** Move Fido from statement to Note 1.

**Second:** Karen Chang (Egis Technology) / Min-Hui Chung (ITRI)

**Discussion:** Will not change the ballot.

**Vote:** 16-0

**Motion:** Agree to submit 6506A to Cycle 6  
**By / Second:** David Chiu (Atotech) / Michael Lee (Cimetrix)  
**Discussion:** None  
**Vote:** 16-0

#### 6 Old Business

6.1 SEMI staff to discuss with C.H. Wei for Automation Training – CLOSED

6.2 Michael Lee/Cimetrix Confirm Japan DDA TF for EDA TF Freeze – CLOSED

#### 7 New Business

The committee discussed introducing education program for Taiwan industry and TSMC.

**Action Item:** Cher Wu (SEMI Staff) and TF leaders/members to plan a SEMI Standards Introduction to TSMC Information Technology Team by Q3-2020 (September 2<sup>nd</sup>, 2020)

**Action Item:** Cher Wu (SEMI Staff) and TF leaders/members to plan a SEMI Standards Promotion Education Seminar for Taiwan local members by Q3-2020

#### 8 Next Meeting and Adjournment

The next meeting is scheduled to be held on October 16, 2020, in SEMI Taiwan Office in Hsinchu. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment was at 17:00.

Respectfully submitted by:

Cher Wu

Senior Executive Consultant



SEMI Taiwan

Phone: 886-3-560-1777 #510

Email: cherwu@semi.org

Minutes tentatively approved by:

Scott Yu (TSMC), Chair	August 13, 2020 approved
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**Table 13 Index of Available Attachments#1**

<i>Title</i>	<i>Title</i>
1_ Meeting Reminder_2020	3.3_ I&C TC Staff Report_20200731
2_ 20200508_I&C Meeting Minutes	
3.1_ NA I&C Liaison Report 2020-July v1	
3.2_ Korea_I&C_KR_Liaison_July2020	

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.