![semi logo]

Automated Test Equipment (ATE) NA Chapter

Meeting Summary and Minutes

Via Official Virtual TC Chapter Meeting (OVTCCM)

Monday, November 16, 2020

8:00AM – 10:00AM (Pacific Time)

TC Chapter Announcements

Next TC Chapter Meeting

TBD

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Mark Roos (Roos Instruments), Stacy Ajouri (Texas Instruments), Laurent Bonneval (Teradyne)
SEMI Staff: Michelle Sun

Company	Last	First	Company	Last	First
Micron	*Cicero*	*Jason*	*SEMI*	*Trio*	*Paul*
PEER Group	*Fuchigami*	*Albert*	*SEMI*	*Sun*	*Michelle*
Roos Instruments	*Roos*	*Mark*	*Teradyne*	*Bonneval*	*Laurent*
SEMI	*Nguyen*	*Kevin*	*Texas Instruments*	*Ajouri*	*Stacy*
SEMI	*Nguyen*	*Thai*			

Table 2 Leadership Changes

WG/TF/SC/TC Name	Previous Leader	New Leader
None		

Table 3 Committee Structure Changes

Previous WG/TF/SC Name	New WG/TF/SC Name or Status Change
None	

Table 4 Ballot Results

Document #	Document Title	Committee Action
6580A	New Standard: Specification for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS)	**Passed**, Ratification Ballot issued.
6581	New Subordinate Standard: Specification for HTTP JSON Protocol Implementation for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS)	**Failed**

#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
6580A	Ballot Authorization	Tester Event Messaging for Semiconductors (TEMS) Task Force	New Standard: Specification for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS) – Approved by GCS on 6/30/2020
6581	Ballot Authorization	Tester Event Messaging for Semiconductors (TEMS) Task Force	New Subordinate Standard: Specification for HTTP JSON Protocol Implementation for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS) – Approved by GCS on 6/30/2020

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
R6580A	Cycle 9-2020	Tester Event Messaging for Semiconductors (TEMS) Task Force	New Standard: Specification for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS)
6581A	Cycle 2-2020	Tester Event Messaging for Semiconductors (TEMS) Task Force	New Subordinate Standard: Specification for HTTP JSON Protocol Implementation for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS)

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	Michelle, Thai	Fix SVM software: under "Incorporation", include an extra line to specify which changes will be incorporated.

Table 12 Previous Meeting Action Items

Item #	Assigned to	Details
1	Michelle, Laurent	To move Standards content for TEMS TF from Teradyne Box to Conntect.semi.org community - OPEN (some members cannot access Teradyne Box from work computers)
2	Stacy, Mark	To follow up on industry case studies project and report the status update at next ATE TC meeting - OPEN

1 Welcome, Reminders, and Introductions

Stacy Ajouri (Texas Instruments) called the meeting to order at 8:05. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: SEMI Standards Required Meetings Elements

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: Approve the minutes as written
By / 2nd: Albert Fuchigami (PEER Group) / Laurent Bonneval (Teradyne)
Discussion: None.
Vote: 4-0 in favor. Motion passed.

Attachment: ATE meeting minutes Jan-2020 v2

3 Liaison Reports

3.1 *SEMI Staff Report*

Michelle Sun (SEMI) gave the SEMI Staff Report. Of note:

SEMI Global Calendar of Events

- SEMICON Japan (December 11-18; Tokyo, Japan) [Virtual Event]

- SEMICON Korea (February 3-5; Seoul, Korea)

- SEMICON China (March 17-19; Shanghai, China)

- SEMICON SEA (May 18-20; Penang, Malaysia)

- SEMICON West (July 13-15; San Francisco, CA)

- SEMICON Taiwan (September 8-10; Taipei, Taiwan)

Upcoming North America Standards Meetings
- NA Standards Spring 2020 Meetings (March 30-April 2, SEMI HQ in Milpitas, California) [tentative]

- SEMICON West 2020 Meetings (July 12-15, San Francisco, California) [tentative]

- NA Standards Fall 2020 Meetings (November 1-4, SEMI HQ in Milpitas, California) [tentative]

Letter Ballot Critical Dates for 2020-2021

2020	Ballot Submission Deadline	Voting Opens	Voting Closes
Cycle 8	October 9	October 23	November 23
Cycle 9	November 10	November 23	December 23
2021			
Cycle 1	January 5	January 19	February 18
Cycle 2	January 29	February 10	March 12
Cycle 3	March 9	March 23	April 22
Cycle 4	April 14	April 28	May 28

Critical Dates: http://www.semi.org/en/Standards/Ballots

Standards Publications Report

Cycle	New	Revised	Reapproved	Withdrawn
July 2020	0	4	0	0
August	1	4	2	0
September 2020	0	3	0	0
October 2020	1	5	3	0

New Standards

Cycle	Designation	Title	Committee	Region
August 2020	SEMI PV95	Test Method for Metal Wrap Through Solar Cell Via Resistance	Photovoltaic	CH
October 2020	SEMI PV96	Guide for the Design of Testing and Sorting Equipment for Crystalline Silicon Solar Cells	Photovoltaic	CH

Regulations and Procedure Manual Update
- *Regulations* (November 5, 2020)

Clarification on § 6.5, Disbandment of a TC Chapter

Requires an RSC to disband a TC Chapter when it is shown to be inactive by failing to:

hold meetings for two consecutive years,

report activity to its RSC for two consecutive years, or

initiate new Standards Documents activities.

Procedure Manual (November 5, 2020)

New § 6.1.3.4.1 defining detailed procedures for disbandment of inactive TC Chapters.

Attachment: Staff Report Nov 2020_v1

4 Ballot Review

4.1 Document 6580A, New Standard: Specification for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS)

The ballot passed TC Chapter review with technical changes and with or without editorial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes. See attachment for ballot adjudication.

Attachment: 6580A Ballot Report rev4

4.2 Document 6581, New Subordinate Standard: Specification for HTTP JSON Protocol Implementation for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS)

This Document failed TC Chapter review and will be returned to the TF for rework.

Attachment: 6581 Ballot Report Rev3

5 Subcommittee and Task Force Reports

5.1 *RITdb Task Force*

The RITdb Task Force is preparing Document 6518: New Standard: Specification for Rich Interactive Test Database (RITdb) for ballot.

5.2 *TEMS Task Force*

The TEMS Task Force reviewed the feedback from Ballots 6580A and 6581. There were two negatives submitted by Mitch Sakamoto, which he agreed to withdraw prior to this meeting. Following the adjudication of 6581, the Task Force agreed to rework the document and plans to re-ballot in Cycle 1 or Cycle 2 of 2021.

6 Old Business

6.1 *Previous Action Items*

Previous action items are noted in Table 12 in 'red' and for recent updates in 'blue'. There is no further old business.

7 New Business

None.

8 Next Meeting and Adjournment

The next meeting is TBD. See http://www.semi.org/standards-events for the current list of events.

Adjournment: 10:19 AM

Respectfully submitted by:

Michelle Sun

Coordinator, International Standards

SEMI Global Headquarters

Phone: +1.408.943.7982

Email: msun@semi.org

Minutes tentatively approved by:

Mark Roos (Roos Instruments), Co-chair	12/21/2020

Table 13 Index of Available Attachments[#1]

Title	Title
SEMI Standards Required Meetings Elements	6581 Ballot Report Rev3
ATE meeting minutes Jan-2020 v2	
Staff Report Nov 2020_v1	
6580A Ballot Report rev4	

#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.