



Physical Interfaces & Carriers North America TC Chapter

Meeting Summary and Minutes

SEMI Standards NA Fall Meetings 2025

Thursday, December 11, 16:00–18:00 Pacific Time

Online via Official Virtual TC Chapter Meeting (OVTCCM)

TC Chapter Announcements

Next TC Chapter Meeting

NA Winter Meetings 2026

Wednesday, February 11, 09:00 – 12:00 Noon Pacific

Virtual

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Melvin Jung (Intel), Matt Fuller (Entegris)

SEMI Staff: Laura Nguyen

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>Acteon NEXT LLC</i>	<i>Komatsu</i>	<i>Shoji</i>	<i>Intel</i>	<i>Radloff</i>	<i>Stefan</i>
<i>ASE</i>	<i>Shen</i>	<i>Mulder</i>	<i>Intel</i>	<i>Raman</i>	<i>Kartik</i>
<i>Brooks Automation</i>	<i>Babbs</i>	<i>Daniel</i>	<i>KOKUSAI Electrical</i>	<i>Matsuda</i>	<i>Mitsuhiro</i>
<i>Entegris</i>	<i>Fuller</i>	<i>Matthew</i>	<i>Lam Research</i>	<i>Wong</i>	<i>Scott</i>
<i>Hitachi-High Tech</i>	<i>Onishi</i>	<i>Tsuyoshi</i>	<i>SCREEN</i>	<i>Nishimura</i>	<i>Takayuki</i>
<i>Intel</i>	<i>Jung</i>	<i>Melvin</i>	<i>SEMI</i>	<i>Nguyen</i>	<i>Laura</i>

Table 2 Leadership Changes

None

Table 3 Committee Structure Changes

None

Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>TC Chapter Action</i>
7194	New Standard: Specification for 300 mm Film Frame FOUP (FFF) Load Port	Passed , with editorial change(s).

NOTE 1: **Passed** ballots and line items will be submitted to the ISC Audit & Review Subcommittee for procedural review.

NOTE 2: **Failed** ballots and line items were returned to the originating task forces for re-work and re-balloting or abandoning.



Table 5 Ratification Ballot Results

None

NOTE 1: **Passed** Ratification ballots will be submitted to SEMI publication for final processing.

NOTE 2: **Failed** Ratification ballots were returned to the originating task forces for re-work and re-balloting or abandoning.

Table 6 Activities Approved by the GCS between meetings of the TC Chapter

None

Table 7 SNARF(s) Granted a One-Year Extension

None

Table 8 Authorized Ballots

None

Table 9 SNARF(s) Granted a One-Year Extension

None

Table 10 SNARF(s) Canceled

None

Table 11 Standard(s) to receive Inactive Status

None

NOTE 1: *Inactive, adj.* — Status of a Standard or Safety Guideline that is not currently supported by the GTC. [*Regulations* ¶ 4.2.19]

Table 12 New Action Items

None

Table 13 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
2017April#04	Laura Nguyen	To identify which documents under the global task force, belong to which committees. Ongoing. Unsure how this should be done.
2022Mar#01	Larry Hartsough	Larry to check Five-Year docs for “must”, “shall”, and other PM related items. Ongoing.
2022Mar#02	Laura Nguyen	Laura to check internally to share top formatting examples to TF leaders. Ongoing.
2022July#01	Larry Hartsough	Provide tutorial for Inactive Standards. Ongoing.
2022Nov#01	Larry Hartsough	Put together a slide on how to add other things to consider in the future (such as, how to resolve different types of conflict; ex: SEMI E131 and E15.1 conflict) Ongoing.

1 Welcome, Reminders, and Introductions

Matt Fuller (Entegris) called the meeting to order at 16:04. 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: To accept the previous meeting minutes as written.
By / 2nd: By: Shoji Komatsu / Acteon NEXT LLC
Second: Kartik Raman / Intel Corporation
Discussion: None.
Vote: 8-0 in favor. Motion passed.

Attachment: [2025West] PIC NA TC Chapter Meeting Minutes

3 Liaison Reports

No updates since SEMICON West 2026 meetings. Refer to Minutes from October 9, 2026 for Liaison and Staff Reports.

4 Ballot Review

NOTE 3: 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 7194 — New Standard: Specification for 300 mm Film Frame FOUP Load Port

- The ballot passed TC Chapter review with editorial changes. Refer to the attachment for ballot adjudication.

Motion: To approve editorial change(s).
By / 2nd: By: Stefan Radloff / Intel
Second: Shoji Komatsu / Acteon NEXT LLC
Discussion: Q: Can be done editorially?
Response: Correct.
Vote: 6-0 in favor. Motion passed.

Motion: **This is not a Safety Document**, when all safety-related information is removed, the Document is still technically sound and complete. (*Regulations* ¶ 8.7.1)
By / 2nd: By: Shoji Komatsu / Acteon NEXT LLC
Second: Stefan Radloff / Intel
Discussion: None
Vote: 8-0 in favor. Motion passed.

Motion: This Document passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
By / 2nd: By: Shoji Komatsu / Acteon NEXT LLC
Second: Melvin Jung / Intel Corporation
Discussion: None
Vote: 7-0 in favor. Motion passed.

Attachment: 7194_ProceduralReview

5 Subcommittee and Task Force Reports

Please refer to previous meeting minutes from October 9, 2026, in conjunction with SEMICON West for Task Force Reports.



6 Old Business

No old business.

7 New Business

No new business.

8 Action Item Review

8.1 No New Action Items. Previous action items are noted in Table 12 in 'red' and for recent updates in 'blue'. There is no further business.

9 Next Meeting and Adjournment

9.1 The next meeting is tentatively scheduled for the week of February 9-12, 2026, and will be fully virtual. Please check the SEMI Standards website for updates: <https://www.semi.org/en/products-services/standards>

Tentative Schedule (Pacific):

Wednesday, February 11

- 08:30-09:00, Global PIC Maintenance TF (*tentative, depending on Five-Year Review*)
- 09:00-12:00 Noon, PIC NA TC Chapter Meeting
- 14:30-16:00, Electron Microscopy Workflow TF

Adjournment: 16:40.

Respectfully submitted by:

Laura Nguyen

Sr. Coordinator, International Standards

SEMI Global Headquarters

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Minutes tentatively approved by:

Matthew Fuller (Entegris), Co-chair	<Date approved>
Melvin Jung (Intel), Co-chair	<Date approved>

Minutes officially approved by: **PIC NA OVTCCM on XXXX.**

Table 14 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
Required Meeting Elements March 2024	7194_ProceduralReview
[2025West] PIC NA TC Chapter Meeting Minutes	

^{#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 Laura Nguyen at the contact information above.