

Joint European PIC, I&C, Metrics Committee Meeting Summary and Minutes

SEMICON Europa 2014
Wednesday, 8 October 2014, 10:00 – 13:00
Alpexpo, Grenoble, France

Next Committee Meeting

SEMICON Europa 2015, Dresden, Germany

Committee Announcements (optional)

Table 1 Meeting Attendees

Co-Chairs: Frank Petzold (Trustsec), Alfred Honold (InReCon), Lothar Pfitzner (FhG- IISB)

SEMI Staff: Andrea Busch, James Amano

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Trustsec	Petzold	Frank			
InReCon	Honold	Alfred			
FhG-IISB	Pfitzner	Lothar			
TEL	Mashiro	Supika			

Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>
International SMIF Reticle Pod & Loadport Interoperability	Astrid Gettel (GLOBALFOUNDRIES)	Jan Rothe (GLOBALFOUNDRIES)

Table 3 Ballot Results (or move to Section 4, Ballot Review)

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

Failed ballots and line items were returned to the originating task forces for re-work and re-balloting.

None.

Table 4 Authorized Ballots (or move to Section 7, New Business)

None.

Table 5 Authorized Activities (or move to Section 7, New Business)

None.

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

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

Table 6 New Action Items (or move to Section 8, Action Item Review)

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
	Andrea Busch	Send message to Shannon about E48 inactivity
	James Amano	Message to David Bolden about GCS participation
	Andrea Busch	Preparation of Liaison Report

Table 7 Previous Meeting Actions Items (or move to Section 8, Action item Review)

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
1	Alfred Honold	Draft E48 Revision TFOF and SNARF - DONE

1 Welcome, Reminders, and Introductions

Alfred Honold called the meeting to order at 10am. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting.

Motion: Accept the previous meeting minutes

By / 2nd: Alfred Honold/Lothar Pfitzner

Discussion:

Vote: 2/2 in favor

3 Liaison Reports

3.1 Staff Report

Andrea Busch presented the Staff report. Of note:

1. SEMICON Europa will switch to Dresden in 2015

Attachment: In accompanying ZIP file

3.2 Japan PIC Committee

Andrea Busch reported for the Japan PIC Committee.

Of note:

- Two ballots will be reviewed at Japan's Winter meetings
 - o #5524 *Revisions to SEMI E156-0710, Mechanical Specification for 450 mm AMHS Stocker to Transport Interface, with title change to Mechanical Interface Specification for 450 mm AMHS Stocker to Transport Equipment*
 - o #5777 *Reapproval of SEMI E92-0302E, Specification for 300 mm Light Weight and Compact Box Opener/Loader to Tool-Interoperability Standard (Bolts/Light)*
- The International Reticle SMIF Pod & Loadport Interoperability TF discussed the possibility of adding purge locations to the SMIF documents as stated in the TF charter

Attachment: In accompanying ZIP file

3.3 North America PIC Committee

Andrea Busch reported for the North America PIC Committee.

Of note:

- Ballot of document #5711 *Reapproval of SEMI E72-0600 (Reapproved 0305), Specification and Guide for 300 mm Equipment Footprint, Height, and Weight* failed.
- A survey of Purge Port Locations was sent to industry specialists in June. Return rates are low.

Attachment: In accompanying ZIP file

3.4 North America Metrics Committee

Andrea Busch reported for the North American Metrics Committee. Of note: the technical committee started two new activities:

- #5750 *Revision to Add a New Subordinate Standard: Specification for Product Time Measurement for Material Control Systems to SEMI E168-XX14, Specification for Product Time Measurement*
- #5751 *Revision to Add a New Subordinate Standard: Specification for Product Time Measurement for Transport Systems to SEMI E168-XX14, Specification for Product Time Measurement*

Attachment: In accompanying ZIP file

3.5 Japan Information & Control Committee

Andrea Busch reported for the Japan Information & Control Committee. Of note: the technical committee presented two ballots in cycle 05, 2014

- #5600 *Line-item revision to SEMI E5: "SEMI Equipment Communications Standard 2 Message Content (SECS-II)", SEMI E40: "Standard for Processing Management" and E40.1: "SECS-II Support for Processing Management Standard", the Removal of inconsistencies*
- #5601 *New Standard: "Specification for Wafer Object Model"*

Attachment: In accompanying ZIP file

3.6 North America Information & Control Committee

Andrea Busch reported for the North America Information & Control Committee. Of note: the technical committee presented two ballots in cycle 05, 2014

- #5274C *Revision to Add a New Subordinate Standard Specification for Sensor/Actuator Network Specific Device Model of a Generic Equipment Add-On Sensor (ADDON) to SEMI E54-0413, Sensor/Actuator Network Standard*
- #5508 *Line Revisions to SEMI E90-0312, Specification for Substrate Tracking; SEMI E90.1-0312, Specification for SECS-II Protocol Substrate Tracking; and SEMI E5-0813, SEMI Equipment Communications Standard 2 Message Content (SECS-II). Add Batch Object SEMI E90 & E90.1 and a New Material Format in SEMI E5*
 - o *Line Item #1 - New Material Format to Allow Batches*
 - o *Line Item #2 - New Batch Object and Batch State Model*

Attachment: In accompanying ZIP file

3.7 Korea Information & Control Committee

Andrea Busch reported for the Korea Information & Control Committee.

Attachment: In accompanying ZIP file



4 Ballot Review

No ballot review.

5 Subcommittee & Task Force Reports

5.1 EU- PCS-TF

Alfred Honold reported for the EU-PCS Task Force. This report contained information on the recent activity of the Task Force. In 2015 this TF will be sunset if there is no interest in continuing PdM standardization.

5.2 International SMIF Reticle Pod and Loadport InteroperabilityTF

Alfred Honold reported for the International SMIF reticle Pod TF.

- With the retirement of Astrid Gettel, leadership will change. Jan Rothe will take over the leadership of this TF.

Motion: Make Jan Rothe co-chair of this International SMIF Reticle Pod TF

By / 2nd: Alfred Honold/Lothar Pfitzner

Discussion: None

Vote: 2/2 in favor

5.3 E48 Revision TF

- Alfred Honold explored the possibility of Revising E48, up for 5-year Review. He intended to update the standard with modifications, but these have proven too complicated. He proposed to sunset this activity and to allow the standard go inactive. Furthermore, he proposed to disband the E48 Revision TF.

Motion: Instead of modifying E48, this standard should be left as it is and be allowed to go inactive

By / 2nd: Alfred Honold/Lothar Pfitzner

Discussion: None

Vote: 2/2 in favor

Motion: Disband the E48 Revision Task Force

By / 2nd: Alfred Honold/Lothar Pfitzner

Discussion: None

Vote: 2/2 in favor

6 Old Business

6.1 E48 5-year Review activity to be sunset

Details above in Task Force Report.

7 New Business

7.1 A survey was sent out in June to determine interest around starting purge port activity. Members of the TC await the results of the survey to understand if pursuing this activity is relevant to the industry.

8 Action Item Review

8.1 New Action Items

Andrea Busch (SEMI) reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

9 Next Meeting and Adjournment

The next meeting of the European PIC, I&C and Metrics Joint (Equipment Automation) will likely be held at the next edition of SEMICON Europa 2015 in Dresden, Germany.

Respectfully submitted by:
Andrea Busch
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SEMI Europe
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Minutes approved by:

Alfred Honold (InReCon), Co-chair	October 23, 2014

Table 8 Index of Available Attachments #1

#	<i>Title</i>	#	<i>Title</i>
1	Staff Report	7	Korea I&C Liaison Report
2	Japan PIC Liaison Report		
3	North America PIC Liaison Report		
4	North America Metrics Liaison Report		
5	Japan I&C Liaison Report		
6	North America I&C Liaison Report		

#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.