



Physical Interface & Carriers Japan TC Chapter

Meeting Summary and Minutes

Japan Standards Spring 2016 Meetings
 Thursday, April 14, 2016, 1:30 p.m. – 5:00 p.m.
 SEMI Japan office, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Thursday, July 28, 2016, 1:30 p.m. – 5:00 p.m.
 SEMI Japan office, Tokyo, Japan

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Tsuyoshi Nagashima (Miraial), Tsutomu Okabe (TDK), Kenji Yamagata (Daifuku)

SEMI Staff: Chie Yanagisawa (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Acteon	<i>Komatsu</i>	<i>Shoji</i>	SUMCO	Nakai	Tetsuya
Daifuku	Yamagata	Kenji	Shin-Etsu Polymer	Shida	Hiroyuki
Hitachi Kokusai Electric	Matsuda	Mitsuhiro	Sinfonia Technologies	Otani	Mikio
Kumai Consulting	Kumai	Sadao	TDK	Okabe	Tsutomu
Nihon Entegris	Fukunaga	Tsukasa	SEMI Japan	Yanagisawa	Chie

Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>
None		

Table 3 Ballot Results

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.

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
5869A	Line Item Revision to SEMI E84-1109: Specification for Enhanced Carrier Handoff Parallel I/O Interface	/
Line Item 1	Add to § R1-2.2 of RELATED INFORMATION 1	

Table 4 Authorized Activities

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
--	--	International Reticle SMIF Pod & Load Port Interoperability TF	The task force under the Japan TC Chapter is discharged.

NOTE 1: SNARFs and TFOFs are available for review on the SEMI Web site at: <http://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARF>

Table 5 Authorized Ballots

#	When	SC/TF/WG	Details
None			

Table 6 New Action Items

Item #	Assigned to	Details
20160414-#1	Shoji Komatsu (Acteon)	To contact and ask SEMI NA Staff to correct the name of the task force “SMTF” to “Global PIC Maintenance TF” on North America liaison report, because the formal name should be used for the report.

Table 7 Previous Meeting Action Items

Item #	Assigned to	Details
151216-#1	SEMI Staff	To confirm if “E84” is the correct information on slide 6 of the PIC Europe liaison report, because the title of the slide is “Revision of E84 TF”, but the sentence of the second bullet contains “E48”, not “E84”. => CLOSED
151216-#2	SEMI Staff	To remove E84 TF from the SEMI Standards Organization Chart, because there is no TFOF of E84 TF. => CLOSED
151216-#3	SEMI Staff	To request to the International Reticle SMIF Pod & Load Port Interoperability TF leader to summarize the update from the previous report. => CLOSED
151216-#4	SEMI Staff	To include the request in PIC Japan liaison report that: To complete the disbandment of IPP I TF, it is necessary for PIC North America TC Chapter to make a similar decision and PIC Japan TC Chapter requests PIC North America TC Chapter to make a necessary decision at the next PIC North America TC Chapter meeting during the North America Spring 2016 Meetings. => CLOSED

1 Welcome, Reminders, and Introductions

Tsutomu Okabe (TDK) called the meeting to order at 1:30 p.m. 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 TC Chapter reviewed the minutes of the previous meeting.

- Motion:** Approve the previous meeting minutes as written.
- By / 2nd:** Mitsuhiro Matsuda (Hitachi Kokusai Electric) / Mikio Otani (Sinfonia Technologies)
- Discussion:** None
- Vote:** 7 in favor and 0 opposed. **Motion passed.**

3 Liaison Reports

3.1 Physical Interface & Carriers Europe TC Chapter

Chie Yanagisawa (SEMI Japan) reported that there was no update for the Europe TC Chapter, but the report provided at the previous Japan TC Chapter meeting contained wrong information, which is mentioned in 151216-#2. So, the corrected information was reported as attached. Of note:

- SEMI E48 Revision TF
 - Effort to renew SEMI E48-1101 (Reapproved 1107), Specification for SMIF Indexer Volume Requirement will not be pursued by the Europe
 - E48 will be allowed to go inactive unless renewed by other TC Chapters

Attachment: 01, Europe PIC Liaison Report_revised_March 2016



In connection with the previous Europe liaison report which was referring E84 TF, Chie Yanagisawa also showed the latest SEMI Standards organization chart as attached for Action Item 151216-#2. The TC Chapter found there was no SEMI E84 TF on it.

Attachment: 02, Standards Org Chart Mar 15-2016

3.2 *Physical Interface & Carriers North America TC Chapter*

Kenji Yamagata (Daifuku) reported for the Physical Interface & Carriers North America TC Chapter as attached.

Action Item: 20160414-#1, Shoji Komatsu (Acteon) to contact and ask SEMI NA Staff to correct the name of the task force “SMTF” to “Global PIC Maintenance TF” on North America liaison report, because the formal name should be used for the report.

Attachment: 03, NA PIC Liaison Report April2016_r1.1

3.3 *SEMI Staff Report*

Chie Yanagisawa (SEMI Japan) gave the SEMI Staff Report. Of note:

- SEMI Global 2016 Calendar of Events
- Global Standards Meeting Schedule
- 2016 Critical Dates for SEMI Standards Ballots
- A&R Ballot Review
- The major reason of 5816A rejected at A&R
- SEMI Standards Publications
- PPT Template Update
- Staff Contact Information from April 1, 2016

Attachment: 04, SEMI Staff Report 20160411_v1.0

4 **Ballot Review**

NOTE 2: 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 #5869A, Line Item Revision to SEMI E84-1109: Specification for Enhanced Carrier Handoff Parallel I/O Interface

4.1.1 Line Item 1: Add to § R1-2.2 of RELATED INFORMATION 1

The line item failed and returned to the TF for rework.

Attachment: 05, BallotReport_5869A

5 **Subcommittee and Task Force Reports**

5.1 *Global PIC Standards Maintenance TF*

Shoji Komatsu (Acteon) reported for the Global PIC Standards Maintenance Task Force. The details are in the attachment.

Attachment: 06, GlobalPICMainteTF_Report 4 April 16

5.2 *International 450 mm PIC TF*



Shoji Komatsu (Acteon) reported for the International 450 mm PIC Task Force. He mentioned that the Ballot #5869A failed at the ballot review section above and the task force would plan to rework for the draft for SEMICON West 2016 this summer.

5.3 International Reticle SMIF Pod & Load Port Interoperability TF

Chie Yanagisawa (SEMI Japan) reported for International Reticle SMIF Pod & Load Port Interoperability Task Force. The report was prepared by Jan Rothe (GLOBALFOUNDRIES), the leader of the task force.

Attachment: 07, Reticle Pod LP Interoperability TF Report 2015-04-14

5.4 Fiducial Mark Interoperability TF

Mitsuhiro Matsuda (Hitachi Kokusai Electric) reported for the Fiducial Mark Interoperability Task Force as attached.

Attachment: 08, 20160224FMI-TF-Report_r1

5.5 JA Shipping Box TF

Shoji Komatsu (Acteon) reported for the JA Shipping Box Task Force and the International 450 mm Shipping Box Task Force as attached.

Attachment: 09, 450mm SB-TF_Report_160311

6 Old Business

6.1 The previous Action Item 151216-#4: IPPI TF disbandment

151216-#4 is that SEMI Staff to include the request in PIC Japan liaison report that: To complete the disbandment of IPPI TF, it is necessary for PIC North America TC Chapter to make a similar decision and PIC Japan TC Chapter requests PIC North America TC Chapter to make a necessary decision at the next PIC North America TC Chapter meeting during the North America Spring 2016 Meetings.

Kenji Yamagata (Daifuku) reported that the NA TC Chapter approved the disbandment of IPPI TF at the North America Standards Spring 2016 Meetings.

7 New Business

7.1 Disbandment of International Reticle SMIF Pod & Load Port Interoperability under the PIC Japan TC Chapter

Kenji Yamagata (Daifuku) addressed the committee on this topic. Although there was no candidate of the task force leader after the retirement of Koji Ohyama, the task force has been active. However, the task force without a leader was no point under the Japan TC Chapter, so he made a proposal as following.

Motion: Approve disbandment of the International Reticle SMIF Pod & Load Port Interoperability under the PIC Japan TC Chapter.

By / 2nd: Kenji Yamagata (Daifuku) / Mitsuhiro Matsuda (Hitachi Kokusai Electric)

Discussion: None

Vote: 7 in favor and 0 opposed. **Motion passed.**

8 Next Meeting and Adjournment

The next meeting is scheduled for Thursday, July 28, 2016 at SEMI Japan office, Tokyo, during Japan Standards Summer 2016 Meetings. See <http://www.semi.org/en/events> for the current list of meeting schedules.

Having no further business, a motion was made to adjourn. Adjournment was at 5:00 p.m.



Respectfully submitted by:

Chie Yanagisawa

Manager

SEMI Japan

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Minutes tentatively approved by:

Tsutomu Okabe (TDK), Co-chair	June 28, 2016
Kenji Yamagata (DAIFUKU), Co-chair	June 28, 2016

Table 8 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
01, Europe PIC Liaison Report_revised_March 2016	06, GlobalPICMainteTF_Report 4 April 16
02, Standards Org Chart Mar 15-2016	07, Reticle Pod LP Interoperability TF Report 2015-04-14
03, NA PIC Liaison Report April2016_r1.1	08, 20160224FMI-TF-Report_r1
04, SEMI Staff Report 20160411_v1.0	09, 450mm SB-TF_Report_160311
05, BallotReport_5869A	

#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.