

Korea I&C Committee Meeting Summary and Minutes

Thursday 8 November, 2012, 14:00 – 15:30
Korea Semiconductor Industry Association Office, Seoul, Korea

Next Committee Meeting

Thursday 31, January, 2013, 13:00 – 17:00 <KST>
Coex, Seoul, in conjunction with SEMICON Korea 2013

Committee Announcements

None

Table 1 Meeting Attendees

Co-Chairs: Chul Hong Ahn (SK hynix), Hyungsu Kim (Samsung SDS)

SEMI Staff: Natalie Shim

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
SEMES	Chang Yul	Cho	Jusung Engineering	Jin Soo	Jung
SK Hynix	Chul Hong	Ahn	Samsung SDS	Seungyul	Yang
Samsung SDS	Hyungsu	Kim	Samsung SDS	Se yeon	Oh
KISA	Ji-Hyun	Lee	Pacific Tech	Kris	Yun

Table 2 Leadership Changes

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>
*Cycle 6-12 Ballot		
4936	Line Item Revision to SEMI E87-0709, Specification for Carrier Management , CMS	Failed and sent to TF for rework.
5386	Line Item Revision to SEMI E94-0312, Specification for Control Job Management, Enhancement of Material Redirection Mode	Failed and sent to TF for rework.

Table 4 Authorized Ballots

<i>#</i>	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
4946A	Cycle 1 or 2, 2013	GEM300 TF	Line Item Revision to SEMI E87-0709, Specification for Carrier Management , CMS
5386A	Cycle 1 or 2, 2013	GEM300 TF	Line Item Revision to SEMI E94-0312, Specification for Control Job Management, Enhancement of Material Redirection Mode

Table 5 Authorized Activities

None

Table 6 New Action Items

None

Table 7 Previous Meeting Actions Items

None

1 Welcome, Reminders, and Introductions

Hyungsu Kim (Samsung SDS) 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: 01, SEMI Standards Required Meeting Elements

2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting.

Motion: Approve the minutes with editorial changes

By / 2nd: Chang Yul Cho(SEMES)/ Hyungsu Kim(Samsung SDS)

Discussion: None

Vote: 6-0, Motion Carried

Attachment: 02, Korea I&CC previous meeting minutes

3 Liaison Reports

Natalie Shim (SEMI Korea) updated liaison reports from North America and Japan. Of note;

3.1 Japan Information & Control Committee

- Meeting Information
 - Last Meeting: September 7, 2012 @ SEMI Japan Office, Tokyo, Japan
 - Next Meeting: December 7, 2012 @ Makuhari Messe, Chiba, Japan
 - Estimated 2013 Meeting Schedule: April/ June/ September/ December
- Leadership and Structure Changes
 - Predictive Carrier Logistics (PCL) task force newly formed
 - No leadership changes
- New Activity
 - SNARF 5486 (New Standard, Specification for Predictive Carrier Logistics Information from Equipment to be used for Predictive Carrier Logistics Management) approved.
- No Ballot Review
- Ballot Plan
 - Doc. 5423 (Revision to SEMI E40.1-1106 SECS- II Support for Processing Management Standards and SEMI E5-0712 SEMI Equipment Communication Standard 2 Message Content (SECS- II); Add mapping to PPID for RecID at cycle 7, 2012

- Task Force Updates
 - Equipment Information System Security (EISS) task force
 - Drafting Doc. 5422 (New Guide for Equipment Information System Security)
 - Sensor Bus task force
 - Doc. 5368 published as SEMI E54.17-0812
 - GEM300 task force
 - Drafting Doc. 5367 (Line Item Revision to E87-0709, Specification for Carrier Management (CMS), Load Port Transfer Error Indication)
 - Doc. 5423 (Revision to SEMI E40.1-1106 and SEMI E5-0611E; Add mapping to PPID for RecID) is submitted to cycle 7, 2012 and will be adjudicated at the winter meeting in conjunction with SEMICON Japan 2012.
 - Predictive Carrier Logistics (PCL) task force
 - Newly formed
 - SNARF 5486 (New Standard, Specification for Predictive Carrier Logistics Information from Equipment to be used for Predictive Carrier Logistics Management) approved.
 - Kick off meeting on Thursday, November 15 at SEMI Japan office.
 - AMHS task force
 - None

3.2 North America Information & Control Committee

- Meeting Information
 - Last Meeting: July 11, 2012 @ San Francisco, California
 - Next Meeting: October 31, 2012 @ San Jose, California
- No Leadership Changes
- Ballot Review
 - Doc. 5177B Line Item 1 (Line Item Revision to SEMI E145-1111, Classification for Measurement Unit Symbols in XM, Line item 1: Improve readability of combined unit symbols) **failed** and to be reballoted
 - Doc. 5274 (Revision to E54-0710, Sensor/Actuator Network Standard; Add New Subordinate Standard Specification for Sensor/Actuator Network Specific Device Model of a Generic Equipment Add-On Sensor (ADDON) **failed** and to be reballoted.

- Ballot Plan
 - Cycle 5
 - Doc.5455, Reapproval of SEMI E37.1-0702 (Reapproved 0308), High-Speed SECS Message Services Single Selected-Session Mode (HSMS-SS) by GEM300 task force
 - Doc. 5456, Reapproval of SEMI E54.1-0708, Standard for Sensor/Actual Network Common Device Model by Sensor Bus task force
 - Doc. 5457, Reapproval of SEMI E126-0708, Specification for Equipment Quality Information Parameters (EQIP) by PCS task force
 - Doc. 5458, Reapproval of SEMI E139.2-1108, SECS- II Protocol for Recipe and Parameter Management (RaP) by DDA task force
 - Cycle 6
 - Doc. 5452, Revisions to SEMI E134, Specification for Data Collection Management and SEMI E134.1, Specification for SOAP Binding of Data Collection Management (DCM) by DDA task force
 - Doc. 5411, New Standard: Specification for Equipment Energy Saving Mode Capability by Energy Saving Equipment Communication task force
 - Doc. 5454, Revision to SEMI E30, Specification for Generic Equipment Model (GEM) Standard by GEM300 task force
 - Doc. 4507A, [Informational Ballot] Revision to SEMI E133.1, Provisional Specification for XML Messaging for Process Control System (PCS). For fault detection enhancements by GEM300 task force
 - Doc. 5274A, New SEMI E54 Subordinate Standard: Specification for Sensor/Actuator Network Specific Device Model for Generic Equipment add-on Sensor (ADDON) by Sensor Bus task force
 - Doc. 5480, Revision to SEMI E164, Specification for EDA Common Metadata by DDA task force
 - Doc. 5481, Revision to SEMI E30, Specification for Generic Equipment Model (GEM) Standard, Addition of New Message by GEM300 task force
- Task Force Updates
 - Diagnostic Data Acquisition (DDA) task force
 - Drafting Doc. 5452 (Revision to E134/E134.1, Data Collection Management) for cycle 6, 2012
 - Drafting Doc. 5490 (Revision to E164, EDA Common Metadata) for cycle 6, 2012. The SNARF and authorization for cycle 6, 2012 ballot were approved by GCS.
 - Reviewed 2 standards for 5 year review process and made below recommendation.
 - E139.2 (Doc. 5458: SECS- II, RaP) balloted for cycle 5, 2012
 - E 147 (EDA Guide) no reapproval this time.
 - Energy Saving Equipment Communication task force
 - Drafting Doc. 5411 for cycle 6, 2012
 - New SNARF 5453 (New Standard: Specification for SECS- II Protocol for Equipment Energy Saving Mode) approved. This activity will result in a subordinate standard under the “Specification for Equipment Energy Saving Mode Capability, SNARF 5411”
 - GEM300 task force

- New SNARFs
 - SNARF 5454, Revision to E30, Modifications to the definition of Alarms
 - SNARF 5481, Revision to E30, Addition of new messages (namelist request capabilities). The SNARF and cycle 6, 2012 ballot authorization were approved by GCS.
- Reviewed E37.1 (Doc. 5455: HSMS-SS) for 5 year review and recommended to reapprove. It balloted for cycle 5, 2012
- Process Control System (PCS) task force
 - Drafting Doc. 4507A for Information ballot
- Sensor Bus task force
 - Reviewed E54.1 (Doc. 5274: Common Device Model) for 5 year review and recommended to reapprove. It balloted for cycle 5, 2012

Attachment: 03, Japan I&CC Liaison Report
04, NA I&CC Liaison Report

3.3 SEMI Staff Report

Natalie Shim (SEMI) gave the SEMI Staff Report. Of note:

- Summarized 2012 SEMI Standards accomplishments.
 - 14 new standards for 450mm, 12 more in progress
 - 2 new standards are expecting to be published in 2012: 3DS-IC and HB-LED
 - 33 PV Standards published. China recently formed PV Committee.
- Updated June 2012 Publication status.
 - New Standards – 3, Revised Standards – 5, Reapproval Standards – 0, Withdrawals – 0, Total in portfolio – 853 (includes 83 Inactive Standards)
- Updated SEMI Standards membership status by regions and committees.

Attachment: 05, Staff Report

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.

NOTE 1: Committee adjudication on Cycle 6 is detailed in the Audits & Reviews (A&R) Subcommittee Forms for procedural review. This A&R form is available as attachments to these minutes. The attachment number for each document is provided below the summary table.

4.1 Cycle 6 Ballot

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
4946	Line Item Revision to SEMI E87-0709, Specification for Carrier Management , CMS	Failed and sent to TF for rework.
5386	Line Item Revision to SEMI E94-0312, Specification for Control Job Management, Enhancement of Material Redirection Mode	Failed and sent to TF for rework.

Attachment: 07, 4946 A&R report

5 Subcommittee & Task Force Reports

5.1 GEM300 TF

- Hyungsu Kim summarized the GEM300 Task Force meeting result.
 - Introduced SEMI Standards Program and Korea I&C Committee activities to 3 new members.
 - Reviewed cycle 6, 2012 results for Doc. 4946 (E87 revision) and Doc. 5386 (E94 revision). The TF recommended to fail them and both ballots also authorized cycle 1 or 2, 2013 ballots as below.

Motion: Approve authorization of ballot 4946A for cycle 1 or cycle 2, 2013

By / 2nd: Chul Hong Ahn (SK Hynix)/ Jin Soo Jung (Jusung Engineering)

Discussion: None

Vote: 8-0, Motion Carried

Motion: Approve authorization of ballot 5386A for cycle 1 or cycle 2, 2013

By / 2nd: Chang Yul Cho (SEMES)/ Chul Hong Ahn (SK Hynix)

Discussion: None

Vote: 8-0, Motion Carried

5.2 DDA TF

None

6 Old Business

None

7 New Business

None

8 Action Item Review

8.1 Open Action Items

None

8.2 New Action Items

None

9 Next Meeting and Adjournment

The next meeting of the Korea I&C committee is scheduled for January 31, 2013 at COEX, Seoul in conjunction with SEMICON Korea 2013.



Respectfully submitted by:
 Natalie Shim
 Standards Specialist
 SEMI Korea
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Minutes approved by:

Chul Hong Ahn (SK Hynix), Co-chair	<Date approved>
Kevin Lee (Miracom), Co-chair	<Date approved>
Hyungsu Kim (Samsung SDS), Co-chair	<Date approved>

Table 8 Index of Available Attachments #1

#	<i>Title</i>	#	<i>Title</i>
01	SEMI Standards Required Meeting Elements	05	SEMI Staff Report
02	Korea I&CC previous meeting minutes	06	4946 A&R Report
03	Japan I&CC liaison report	07	5386 A&R Report
04	NA I&CC 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.