



SEMI® INTERNATIONAL STANDARDS

Standards Staff Report

June, 2015

R0.2

Contents

- Global SEMI Events
- Global Standards Meetings Schedule
- NA Standards Spring 2015 Meetings
- Ballot Critical Dates
- Publication Update
- A&R Ballot Review
- Contact Information

SEMI Global 2015 Calendar of Events

SEMI® INTERNATIONAL STANDARDS

Event Name		Event Details
	SEMICON Korea 2015 LED Korea 2014	Feb. 4-6, 2015 Soul, Korea
	SEMICON China 2015	Mar. 22-24, 2015 Shanghai, China
	SEMICON Southeast Asia 2015	Apr. 23-25, 2015 Penang, Malaysia
	Intersolar Europe 2015	Apr.22-24, 2015 Munich, Germany
	SEMICON Russia 2015	Jun. 17-18, 2015 Moscow, Russia
	SEMICON West 2015	Jul. 14-16, 2015 San Francisco, USA
	SEMICON Taiwan 2015	Sep. 2-4, 2015 Taipei, Taiwan
	SEMICON Europa 2015	Oct. 6-8, 2015 Dresden, Germany
	SEMICON Japan 2015	Dec. 16-18, 2015 Tokyo, Japan (Tokyo Big Sight)

As of June 4, 2015

Please make sure most updated
information in the above URL

Global Standards Meeting Schedule

<http://www.semi.org/en/node/9051>

- Jun. 4, 2015
EHS Japan TC Chapter meeting
Tokyo, Japan
- Jun. 12, 2015
Silicon Wafer Japan TC Chapter Meeting
Tokyo, Japan
- Jun. 18, 2015
I&C Taiwan TC Chapter Meeting
Hsinchu, Taiwan
- Jun. 19, 2015
I&C Korea TC Chapter Meeting
SEMI Korea, Korea
- Jun. 24, 2015
AT Japan TC Chapter Meeting
Tokyo, Japan
- Jun. 25, 2015
Micropatterning TC Chapter Meeting
Tokyo, Japan
- Jun. 30, 2015
I&C Japan TC Chapter Meeting
- July 3, 2015
3DS-IC Taiwan TC Chapter Meeting
Taiwan
- July 9, 2015
Gases/Facilities Japan TC Chapters Joint Meeting
Tokyo, Japan
- July 13, 2015
North America Standards SW 2015 Meetings
San Francisco, California
- July 27, 2015
FPD M&C Japan TC Chapter Meeting
Tokyo, Japan
- July 30, 2015
PI&C Japan TC Chapter Meeting
Tokyo, Japan
- Aug. 6, 2015
PV Taiwan TC Chapter Meeting
ITRI Hinchu, Taiwan
- Sept. 18, 2015
Silicon Wafer TC Chapter Meeting
Tokyo, Japan
- Oct. 16, 2015
I&C Korea TC Chapter Meeting
KSIA, Korea
- Oct. TBD, 2015
EHS Taiwan TC Chapter Meeting
Hsinchu Science Park Admin Building, Taiwan

2015 Critical Dates for SEMI Standards Ballots

No.	Ballot Submission Due Date	Voting Period Starts	Voting Period Ends
Cycle 1	January 2	January 9	February 9
Cycle 2	January 29	February 10	March 12
Cycle 3	February 27	March 13	April 13
Cycle 4	April 10	April 21	May 21
Cycle 5	May 8	May 22	June 22
Cycle 6	July 22	July 29	August 28
Cycle 7	August 17	August 31	September 30
Cycle 8	October 15	October 22	November 21
Cycle 9	November 16	December 1	December 31

SEMI Standards Publications

- **January 2015 Cycle**
 - New Standards: 5
 - Revised Standards: 2
 - Reapproved Standards: 0
 - Withdrawn Standards: 1
- **February 2015 Cycle**
 - New Standards: 3
 - Revised Standards: 7
 - Reapproved Standards: 3
 - Withdrawn Standards: 0
- **March 2015 Cycle**
 - New Standards: 1
 - Revised Standards: 2
 - Reapproved Standards: 2
 - Withdrawn Standards: 0

SEMI Standards Publications

- April 2015 Cycle
 - New Standards: 3
 - Revised Standards: 2
 - Reapproved Standards: 0
 - Withdrawn Standards: 0
- May 2015 Cycle
 - New Standards: 1
 - Revised Standards: 5
 - Reapproved Standards: 1
 - Withdrawn Standards: 0
- Total SEMI Standards in portfolio: 933
 - Includes 110 Inactive Standards

A&R Ballot Review

- Please see the recent A&R results.
 - December 2014
 - February 2015
 - March 2015
 - May 2015
 - Documents failed
 - 5621B: New Standard: Guide for Determining the Quality of Ion Exchanged Resin Used in Polish Applications of Ultrapure Water System (NA Liquid Chemical)
 - 5816: Reapproval of SEMI F30-0710 - Start-Up and Verification of Purifier Performance Testing for Trace Gas Impurities and Particles at an Installation Site (NA Gases)



A&R Dec 2014



A&R Feb 2015



ISCA&RSCMay2
WebVotingSummary



ISCA&RSCMarc
WebVotingSummary

Staff Contact Information from March 1, 2015

Committee	Staff
Gases, Facilities, FPD M&C, FPD Meteorology, Liquid Chemical SIG: SEA, (CGMG)	<i>Naoko Tejima</i> Manager, Standards & EHS ntejima@semi.org
PI&C, I&C, Metrics, Traceability, PV, PV Materials, Packaging	<i>Chie Yanagisawa</i> Sr. Coordinator, Standards & EHS cyanagisawa@semi.org
JRSC, SPI TF, Compound, Micropatterning, Silicon Wafer, EHS, AT, Test EHS SIG: ESG, SMG	<i>Junko Collins</i> Director, Standards & EHS jcollins@semi.org
Others	Staff
Standards Products General Information, SEMIViews	<i>C. Yanagisawa</i>
Other Standards Operation,	<i>J. Collins</i>

BACKUP

New Regulations and Procedure guide

- New Regulations and Procedure Guide become effective in December
- Significant changes to SNARF approval process
- New TFOF and SNARF forms
- 3-year project period for SNARF
- Request leadership to familiarize themselves with changes

ISC Ballot (Group I) - Standards Document Development Project Period

- Standard Document Development Project Period shall not exceed three years.
- Exception
 - If the document development activity is found to be continuing, but cannot be completed within the three-year project period, the TC Chapter may grant a one-year extension.

ISC Ballot (Group 2) - SNARF Review Period

- TC Members have at least 2 weeks to review prior to approval.
 - 2 weeks before TC, SNARF will be reviewed by TC Members, and it will be approved by TC.
 - At TC, SNARF will be approved tentatively, and it will be approved officially by GCS after 2 weeks of review by TC members.

ISC Ballot (Group 3) – Official Virtual TC Chapter Meetings

- Necessary changes to the Regs/PG to accommodate Official Virtual TC Chapter Meeting, in which virtual participant will have equivalent rights as in-person participant to the TC Chapter meeting.
- However, the rules for Official Virtual TC Chapter Meeting become effective only after infrastructure is in place.

ISC Ballot (Group 4) – Minority Report Handling by GCS

- Redefine requirements for GCS voting on Minority Report to encourage consensus
 - Template for Minority Report handling process was created and will be used to guide Minority Report process

ISC Ballot (Group 5) – Clarify Voting Interest Definition

- A parent organization and all of its affiliates worldwide constitute a single Voting Interest
 - For example, since the both Hitachi High Technologies and Hitachi Kokusai Electronics are affiliates of Hitachi, they have a single voting right.

ISC Ballots (Group 6,7,8, 9 and 12) – Non Controversial Maintenance Type Changes

- Group 6, 7: Clarifications for Type/Subtype of Standards
- Group 8: Harmonization of TFOF/SNARF to GTC Charter/Scope
- Group 9: Clarification for Usage of Originating vs. Responsible TC Chapter
- Group 12: Miscellaneous Editorial Changes

ISC Ballot (Group 10) - Adjudication Procedural Improvement

- Rejected by ISC ballot
- Group 10 included:
 - Tougher Letter Ballot/Ratification Ballot voting requirement for TC members
 - Introduction of new procedure (optional) to make Technical Change to address “technically persuasive Negative” and approve the passage of the Document at the TC Chapter meeting during adjudication of Document having received one or more “persuasive Negative”.
 - Introduction of Ratification Ballot to ratify the Document approved by the TC Chapter with modifications (technical and editorial)

ISC Ballot (Group I I) – TC Chapter Formation

- Working Group, currently defined as a group to create new TC Chapter, will be renamed to TC Chapter Formation Group (CFG)
 - Other working groups are not currently defined as official bodies, but may continue to use “working group” in their names
- Formation and disbandment procedures are defined