

## Taiwan 3DS-IC Committee Meeting Summary and Minutes

Taiwan 3DS-IC TC Meeting  
April 30, 2013, 14:00-16:00  
SEMI Taiwan, HsinChu

### Next Committee Meeting

July 30, 2013  
3DS-IC TC Meeting, ITRI, HsinChu

### Committee Announcements (optional)

#### Table 1 Meeting Attendees :

**Co-Chairs:** Dr. TK Ku (ITRI)

**SEMI Staff:** Catherine Chang

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
KYEC	Chen	Wendy	SEMATECH	Yang	Terry
ITRI	Ku	TK	ITRI	YLiHeng	Lee
ITRI-CMS	Yao	Bin-Cheng	NTUST	Chen	Chao-Chang
CMPUG TW	Kong	LC	KYEC	Sam	Kao
ITRI	Chen	Erh-Hao			

#### Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>
Testing Task Force	Dr. Maio (ITRI)	Dr. Li-Heng Lee (ITRI, lihenglee@itri.org.tw)

#### 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>
5474	New Standard: Guide for CMP and Micro-Bump Processes for Frontside TSV	<b>Passed</b> as with editorial changes

#### Table 4 Authorized Activities

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
None			

Note: 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

<i>#</i>	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
5473	Cycle 4, 2013	Middle-End Process TF	New Standard: Guide for Alignment Mark for 3DS-IC Process

**Table 6 New Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		

**Table 7 Previous Meeting Actions Items**

Task Force leader changed for Testing Task Force.

**1 Welcome, Reminders, and Introductions**

Dr. TK Ku 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.

**3 Staff Report**

North America Standards Spring 2013 Meetings

**4 Liaison Reports**

4.1 Dr. TK Ku presented the NA Liaison Report:

- Upcoming NA 3DS-IC Ballots

<i>* Voting Period – Cycle 1, 2013 *</i>		
<i>Doc #</i>	<i>Document Title</i>	<i>Task Force</i>
5173C	New Standard: Guide for Describing Materials Properties for a 300 mm 3DS-IC Wafer Stack	Bonded Wafer Stacks TF
5410	New Standard: Guide for Metrology Techniques to be Used in Measurement of Geometrical Parameters of Through-Silicon Vias (TSVs) in 3DS-IC Structures	Inspection & Metrology TF
5175	New Standard: Guide for Multi-Wafer Transport and Storage Containers for 300 mm, Thin Silicon Wafers on Tape Frames	Thin Wafer Handling

**Attachment:** 02, NA 3DS-IC Liaison Report

**5 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 2 ballots are detailed in the Audits & Reviews (A&R) Subcommittee Forms for procedural review. These A&R forms are available as attachments to these minutes. The attachment number for each document is provided below the summary tables.

5.1 *Cycle2 Ballots*

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
5474	New Standard: Guide for CMP and Micro-Bump Processes for Frontside TSV	<b>Passed</b> as with editorial changes

**Attachment:** 03, Ballot Review for Doc. 5474

## 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

July 30, 2013

3DS-IC TC Meeting, ITRI, HsinChu

### Respectfully submitted by:

Catherine Chang

Sr. Manager

SEMI Taiwan

Phone: 03-573 3399 # 217

Email: cchang@semi.org

### Minutes approved by:

TK Ku/ITRI, Co-Chair	June 13, 2013
----------------------	---------------

**Table 8 Index of Available Attachments #1**

#	<i>Title</i>	#	<i>Title</i>
1	Required Elements 2011		
2	NA 3DS-IC Liaison Report		
3	Ballot Review for Doc. 5474		

#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](http://www.semi.org). For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.