

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

Taiwan 3DS-IC TC Meeting  
Dec 21, 2012, 10:00-12:00  
SEMI Taiwan, HsinChu

### Next Committee Meeting

March 14, 2013  
3DS-IC TC Meeting, ITRI, HsinChu

### Committee Announcements (optional)

#### Table 1 Meeting Attendees :

**Co-Chairs:** Dr. YS Lai (ASE)

**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	Ku	TK
GUEC	Liu	Guan Jiun	NTUST	Chen	Chao-Chang
KYEC	Ko	Sam	SPIL	Chiu	Chi Hsin
CMPUG TW	Kong	LC			
ITRI	Chen	Erh-Hao			
ASE	Lai	Yi-Shao			
ITRI	Yao	Bin-Cheng			

#### Table 2 Leadership Changes : None

#### 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)

Doc 5474 approval cycle 2 , 2013 ballot.

<i>#</i>	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
5474	Dec 21	Middle end process TF	Approval by TC for cycle 2, 2013 ballot

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

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)**

None

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

None

**1 Welcome, Reminders, and Introductions**

Dr. YS Lai called the meeting to order at 10:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: Required Elements 2012

**2 Review of Previous Meeting Minutes**

The committee reviewed the minutes of the previous meeting.

Attachment: 3DS-IC Meeting Minutes 20120906

**3. Staff Report**

North America Standards Spring 2013 Meetings

April 1-4

SEMI Headquarters  
3081 Zanker Road  
San Jose, California / U.S.A.

Tuesday, April 2

Inspection & Metrology TF (8:00 AM to 10:00 AM)

Bonded Wafer Stacks TF (10:00 AM to 12:00 Noon)

Thin Wafer Handling TF (1:00 PM to 3:00 PM)

NA 3DS-IC Committee (3:00 PM to 5:00 PM)

**4 Liaison Reports**

4.1 *Dr. YS Lai Report*: --NA Liaison Report

- New SANRF from Inspection & Metrology TF

New Standard: Test Method for Measuring Warp, Bow and TTV on Silicon and Glass Wafers Mounted on Wire Grids by Automated Non-Contact Scanning using Laser Scanning Interferometry

- Upcoming NA 3DS-IC Ballots

*Voting Period – Cycle 1, 2013 *		
Doc #	Document Title	Task Force
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: NA 3DS-IC report December 2012



## **5 Ballot Review**

None

## **6 Old Business**

## **7 New Business**

## **8 Action Item Review**

8.1 Open Action Items :None

8.2 *New Action Items*

## **9 Next Meeting and Adjournment**

March 14, 2013



Respectfully submitted by:  
 Catherine Chang  
 Sr. Manager  
 SEMI Taiwan  
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 Email: cchang@semi.org

Minutes approved by:

TK Ku/ITRI, Co-Chair	<Date approved> 6 June, 2012
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**Table 8 Index of Available Attachments #1**

#	Title	#	Title
1	Required Elements 2011		
2	3DS-IC Meeting Minutes 20120209		
3	NA 3DS-IC report April 2012		
	SNARF_Middle-end process Doc.2		
	SNARF_Middle-end process		

#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.