



## HB-LED North America TC Chapter

SEMICON West 2017 Standards Meetings

Thursday, July 13, 2017,

Marriott Marquis Hotel, San Francisco, CA

10:30–12:00 Noon

### AGENDA

	<b>Presenter</b>
<b>1 Welcome/Call to Order</b>	<b>Co-chairs</b>
1.1 Introductions	
1.2 Required Elements (Membership Requirements, Antitrust and Intellectual Property Reminders, and Effective Meeting Guidelines)	
1.3 Agenda Review	
 <b>2 Review of Previous Meeting Minutes</b>	 <b>Co-chairs</b>
 <b>3 Liaison Report</b>	 <b>Staff</b>
3.1 China TC Chapter	
3.2 Korea CFG	
 <b>4 Staff Report</b>	 <b>Staff</b>
 <b>5 Ballot Review</b>	
None	
 <b>6 Subcommittee &amp; Task Force Reports</b>	 <b>Leaders</b>
6.1 Assembly TF	
6.2 Impurities and Defects in Sapphire Wafers TF (inactive)	
6.3 Patterned Sapphire Substrate (PSS) TF	
6.4 Wafer TF	

**7 Old Business**

7.1 Update on Phosphors Discussion

**8 New Business**

8.1 Authorized Activities

- Source Materials TF – Would like to ask for ballot authorization for Doc. 5984-5988 in the next cycle

**9 Action Item Review**

9.1 Open Action Items

Item #	Assigned to	Details
2017April#01	Laura Nguyen	To contact Natalie to reach out to the Source Gas companies that are representatives in Korea. <b>CLOSED – There are none at this time.</b>
2017April#02	Laura Nguyen	Send SEMIViews access for HB1 and HB8 to members in the meeting to review/compared docs with existing New Standards. <b>CLOSED.</b>
2017April#03	Andrew Kim	Look into getting talks into upcoming conferences for HB-LED. <b>On-going.</b>
2017April#04	Laura Nguyen	To find out about previous press releases for HB1 and if there can be another one submitted. <b>First article written about release of HB1, <a href="http://www.semi.org/en/node/44361">http://www.semi.org/en/node/44361</a> Will need to work with Marketing and approve it by Deb, Dir of Comm.</b>
2017April#05	Win Baylies	To prepare abstracts for HB-LED Standards for <i>Strategies in Light</i> (with Steve & Andrew)
2017April#06	Laura Nguyen	Send Andrew Kim SNARF and TFOF form. <b>CLOSED.</b>
2017April#07	Juanita, Win	Reach out to a contact at GE.
2017April#08	Andrew Kim	To draft an email introduction to send out to various phosphor manufacturers for feedback.
2017April#09	Laura Nguyen	To send Andrew sample surveys for reference to draft something with more detail to discuss further for the next meeting. <b>CLOSED.</b>
2017April#10	Margaret Hsu	To send Andrew name of a German Supplier.
2017April#11	Andrew Kim	To send Peter Wagner address of where to send wafers from Osram.
2017April#12	Peter Wagner	Peter to send Laura and Andrew excel file from Osram. <b>CLOSED.</b>
2016Nov#01	Laura Nguyen	To contact Assembly Task Force leaders if there is any on going activity. <b>Contacted Paul Reid, email bounced. On-going to contact by phone</b>
2016Nov#02	Win Baylies	To contact John Ciraldo (Rubicon) regarding PSS activity. <b>CLOSED.</b>
2016Nov#03	Andrew Kim	To send Laura contacts of possible participants for the Wafer Task Force to join. <b>CLOSED.</b>
2016Nov#04	Laura Nguyen	To contact Natalie (SEMI Korea) to find out what support they need to continue their activities. Copy Andrew Kim. <b>On-going. CLOSED.</b>
2016Nov#05	Win Baylies	Send files to Peter and Andrew of past Wafer TF activities. Peter to confirm what size wafers. <b>CLOSED.</b>
2016Nov#06	Peter Wagner	To contact Osram regarding the ID marks to the wafers. <b>Osram sent an excel file containing data about two wafers, wafer a and wafer b. One wafer engraved with UV and the other with CO2. They are willing to send the information if we send them an address. They are also not interested in doing anymore experiments. Wafers will be sent to Andrew. CLOSED.</b>



**Presenter**

2016Nov#07	Steve, Andrew	Following up from New Business discussion, Steve and Andrew to connect to get in contact with equipment makers and R&D teams of various LED companies. <b>On-going – abstract and press releases. CLOSED, under new business during Spring Meetings.</b>
2016Nov#08	Andrew Kim	To contact Lumileds and other phosphor companies. <b>CLOSED, will expand to other regions (Japan, Germany, China)</b>
2016Nov#09	Peter Wagner	To contact Osram and Silicone manufactures. <b>CLOSED.</b>
2016Nov#10	Andrew Kim	To draft email to send out to companies for input. Copy Peter and Laura. <b>On-going. Update: new AI taken at Spring Meetings. CLOSED.</b>
2016Nov#11	Laura Nguyen	To contact Sophia to ask her leaders about possible silicone and phosphor makers. Andrew to send Laura introduction email. <b>On-going</b>

9.2 New Action Items

**10 Next Meeting and Adjournment**

**Co-chairs**

10.1 The next meeting is scheduled for November 9, 2017 at SEMI Headquarters in Milpitas, California.

Thursday, November 9

09:00-10:30 Joint HB-LED Wafer/Source Materials/PSS/Test Methods (TFs)

10:30-12:00 HB-LED (C)

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