

## Europe Compound Semiconductor Materials Committee Meeting Summary and Minutes

Technical Committee Meeting  
10 April 2014, 11am-2pm CET  
Hotel Ibis am Plärrer, Steinbühler Strasse 2, 90443 Nuremburg, Germany

### Next Committee Meeting

9 October 2014, 2pm-3:30pm  
SEMICON Europa, Alpexpo, Grenoble, France

### Committee Announcements

GoMeeting was available and some members participated (without voting) by teleconference.

### Table 1 Meeting Attendees

**Co-Chairs:** Arnd Weber (SiCrystal)

**SEMI Staff:** Andrea Busch (connected by teleconference)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
SiCrystal	Weber	Arnd	** (teleconference) ** SEMI	Busch	Andrea
SiCrystal	Ecker	Bernhard			
Munich University	Alt	Hans-Christian			
** (teleconference) ** Infineon	Klee	Anita			
** (teleconference) ** Dow Corning	Seldrum	Thomas			

### 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.

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
5370	SPECIFICATION FOR 150 mm ROUND POLISHED MONO-CRYSTALLINE 4H AND 6H SILICON CARBIDE WAFERS to SEMI M55-0308, SPECIFICATION FOR POLISHED MONO-CRYSTALLINE SILICON CARBIDE WAFERS	<b>Passed</b>

### Table 4 Authorized Ballots (or move to Section 7, New Business)

<i>#</i>	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
3784E	Cycle 4 2014	SCi TF	Approval for balloting of Document # 3784E SPECIFICATION FOR 100 mm ROUND POLISHED MONOCRYSTALLINE 4H AND 6H SILICON CARBIDE WAFERS to SEMI M55-0308, SPECIFICATION FOR POLISHED MONOCRYSTALLINE SILICON CARBIDE WAFERS

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

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
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**Table 5 Authorized Activities (or move to Section 7, New Business)**

#	Type	SC/TF/WG	Details
M46, M63, M64	New TF		Creation of 5-year-Review TF

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)**

Item #	Assigned to	Details
6	A Weber	Get a complete list of documents maintained by the ECS committee
6	H-C Alt	Create TFOF and SNARF in May 2014
8	A Weber	Contact DGKK Arbeitskreis organizers to explore the possibility of holding the next TC meeting there

## 1 Welcome, Reminders, and Introductions

Arnd Weber called the meeting to order at 11am. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

## 2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting.

**Motion:** Approve the meeting minutes from April 2013

**By / 2<sup>nd</sup>:** Arnd Weber/Hans-Christian Alt

**Discussion:** None

**Vote:** 3/3 in favor

**Motion:** Approve the meeting minutes from October 2014 with editorial Correction : Section 6.1 should be “#5370”

**By / 2<sup>nd</sup>:** Arnd Weber/Hans-Christian Alt

**Discussion:** Approval of minutes will be active once the editorial change in section 6.1 is made

**Vote:** 3/3 in favor

## 3 Task Force Review

### 3.1 SiC TF

Arnd Weber reported for the SiC Task Force.

#### 4 Ballot Review

4.1 Document # 5370, SPECIFICATION FOR 150 mm ROUND POLISHED MONO-CRYSTALLINE 4H AND 6H SILICON CARBIDE WAFERS to SEMI M55-0308, SPECIFICATION FOR POLISHED MONO-CRYSTALLINE SILICON CARBIDE WAFERS

→ results of this ballot (presented cycle 8, 2013) were reviewed

#### Tallies

61.8% voting rate (meets 60% minimum voting participation condition)  
35 accepts/ 0 rejects (meets 90% approval condition)

In adjudication, 3/3 present members voted to approve the standard for publication

**NOTICE:** This document met the 90% approval condition set forth in Section 9.6.3 of the *Regulations Governing SEMI Standards Committees* at the close of balloting.

#### Rejects/Negatives

No rejects

#### 5 Liaison Reports

##### 5.1 North America Compound Semiconductors Materials Committee

Arnd Weber presented this report for the North American Semiconductor Materials Committee.

#### 6 New Business

6.1 Approval for balloting of Document # 3784E SPECIFICATION FOR 100 mm ROUND POLISHED MONOCRYSTALLINE 4H AND 6H SILICON CARBIDE WAFERS to SEMI M55-0308, SPECIFICATION FOR POLISHED MONOCRYSTALLINE SILICON CARBIDE WAFERS

→ Arnd Weber presented this document

**Motion:** Approval of document # 3784E for balloting

**By / 2<sup>nd</sup>:** Arnd Weber/Hans-Christian Alt

**Discussion:** None

**Vote:** 3/3 approve this ballot for voting

6.2 Presentation of standards up for a 5-year-review: M46, M63, M64.

→ Arnd Weber presented the standards up for a 5-year-review. He proposed creating a Task Force to review them.

**Action Item:** Get a complete list of documents maintained by the ECS committee (Arnd Weber)

**Motion:** Creation of a 5-year-review Task Force

**By / 2<sup>nd</sup>:** Arnd Weber/Hans-Christian Alt

**Discussion:** None

**Vote:** 3/3 approve this ballot for voting

**Action Item:** Create TFOF and SNARF in May 2014 (Hans-Christian Alt)

## 7 Action Item Review

### 7.1 New Action Items

Arnd Weber reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

## 8 Next Meeting and Adjournment

The next meeting of Europe's Compound Semiconductor Materials Committee is scheduled for either:

- SEMICON Europa in Grenoble, France (October 2014)

OR

- DGKK Arbeitskreis (date unknown)

**Action Item:** Arnd Weber to contact DGKK Arbeitskreis organizers to explore the possibility of holding the next TC meeting there

Respectfully submitted by:

Andrea Busch

Project and Standards Coordinator

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Minutes approved by:

2014-05-21 Arnd Weber	