

## Europe PV Automation Committee Meeting Summary and Minutes

Intersolar Europa  
Wednesday, 13 June, 2012, 3.30 – 5.30pm  
Munich Germany

### Next Committee Meeting

October 8<sup>th</sup> 2012, Dresden, in conjunction with SEMICON Europa. Check [www.semi.org/standards](http://www.semi.org/standards) for the latest update.

### Table 1 Meeting Attendees

**Co-Chairs:** Eberhard Teichmann, Martin Zennig

**SEMI Staff:** Yann Guillou (SEMI Europe) / James Amano (SEMI HQ)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
TEL	Asakawa	Terry	Hennecke Systems	Hermann	Klaus
Vitronic	Born	Carsten	TEL	Murakami	Takashi
FiberVision	Eikermann	Eckard	TEL	Murata	Naoko
Fraunhofer IPA	Wertz	Roland	Hennecke Systems	Schroll	Philip
IE&S	Gyory	Istvan	PEER Group	Teichmann	Eberhard
Peter Wagner consulting	Wagner	Peter	Jonas and Redmann Automation	Zennig	Martin
AIS Automation	Müller	Bert	Centrotherm	Hassel	Ingo

### Table 2 Authorized Ballots

#	When	SC/TF/WG	Details
5418	Cycle 5 2012	Wafer traceability TF	Revision of SEMI PV29-0212, Specification for Front Surface Marking of PV Silicon Wafers with Two-Dimensional Matrix Symbols
5388	Cycle 5 2012	Wafer traceability TF	Revision to PV34, Practice for Assigning ID Numbers to PV Si Wafer and Solar Cell Manufacturers

### Table 3 New Action Items

Item #	Assigned to	Details
0613-01	James Amano	Minutes of previous TC meeting (PV FMF) to be corrected with regard to #5419 (no doc revision needed)
0613-02	Istvan Gyory	Send Marking Methodology short description activity to SEMI staff

## 1 Welcome, Reminders, and Introductions

Eberhard Teichmann and Martin Zennig called the meeting to order at 3pm. 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:** To accept the minutes as written

**By / 2<sup>nd</sup>:** Peter Wagner / Martin Zennig

**Discussion:** Reference to #5419 to be corrected

**Vote:** 14 / 0

## 3 Liaison Reports

### 3.1 *Japan PV Automation Committee*

Terry Asakawa reported for the Japan PV Automation Committee.

**Attachment:** 01, JA\_PV\_Auto\_Committee\_Liaison\_at\_EU\_2012\_0613\_R0.2

### 3.2 *SEMI Staff Report*

Yann Guillou gave the SEMI Staff Report.

**Attachment:** 02, SEMI Staff Report June 2012 v1

## 4 Subcommittee & Task Force Reports

### 4.1 PV EIS TF

- Doc 4804A: New Standard: Specification for Horizontal Communication between Equipment for Photovoltaic Fabrication System
  - The EU committee recommends passing ballot 4804A. This documents will be adjudicated in SEMI Standard Japan SEMI meeting (July 19<sup>th</sup> 2012)
- Doc 5154: New Subordinate Standard "Profibus implementation specification for a Horizontal Communication between equipment for crystalline photovoltaic fabrication system" (Parent Document: 4804 "SPECIFICATION FOR A HORIZONTAL COMMUNICATION BETWEEN EQUIPMENT FOR PHOTOVOLTAIC FABRICATION SYSTEM") - 1<sup>st</sup> conceptual ideas written
- Doc 5339: New Standard: Specification for Single Material Tracking and Tracing For Crystalline Silicon PV - 1<sup>st</sup> conceptual ideas written

### 4.2 Transport Carrier TF

- Entegris contacted by PV Automation TC chairs. No feedback received.
- No recent news from Tino Koerner about the on-going activities
- VDMA could be contacted to get new contact names to have cell makers involved

#### 4.3 Wafer Traceability TF

- Doc 5419: Revision of SEMI PV32-0312, Specification for Marking of PV Silicon Brick Face and PV Wafer Edge - No revision needed. This was decided at previous PV Automation TC meeting.
- Doc 5418: Revision of SEMI PV29-0212, Specification for Front Surface Marking of PV Silicon Wafers with Two-Dimensional Matrix Symbols. Cf motion below:

**Motion:** Authorize the document to go in cycle 5 and be adjudicated in October 8<sup>th</sup> (Dresden)

**By / 2<sup>nd</sup>:** Istvan Gyory / Peter Wagner

**Discussion:** None

**Vote:** 14/0

- Doc 5388: Revision to PV34, Practice for Assigning ID Numbers to PV Si Wafer and Solar Cell Manufacturers. Cf motion below:

**Motion:** Authorize the document to go in cycle 5 and be adjudicated in October 8<sup>th</sup> (Dresden)

**By / 2<sup>nd</sup>:** Peter Wagner / Martin Zennig

**Discussion:** None

**Vote:** 14/0

## 5 New Business

### 5.1 Marking methodology

Istvan Gyory addressed the committee on this topic. He will send a short description to SEMI staff.

## 6 Action Item Review

### 6.1 *New Action Items*

Yann Guillou (SEMI) reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

## 7 Next Meeting and Adjournment

The next meeting of the Europe PV Automation committee is scheduled for October 8<sup>th</sup> 2013 in Dresden (SEMICON Europa).

Adjournment of the meeting was held at 5.30pm.

Minutes respectfully submitted by:

Yann Guillou  
Business Development and Standard Manager  
SEMI Europe  
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Email: yguillou@semi.org

Minutes approved by:

Eberhard Teichmann Co-chair	4 October 2012

**Table 4 Index of Available Attachments #1**

<i>#</i>	<i>Title</i>	<i>#</i>	<i>Title</i>
1	JA_PV_Auto_Committee_Liaison_at_EU_2012_0613_R0.2		
2	SEMI Staff Report June 2012 v1		

#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.