

## Taiwan PV Committee Meeting Summary and Minutes

April 22, 2016 (Friday), at 14:30-15:40  
Rm.223, Bldg. 16, No. 321, Sec. 2, Kuang Fu Rd., Hsinchu 30011, Taiwan

**Table 1 Meeting Attendees (10 ppls. 8 are eligible for voting)**

**Co-Chairs:** Joeng-Shein Chen ( TeraSolar )

**SEMI Staff:** Dean Chang

<i>Company</i>	<i>First</i>	<i>Last</i>	<i>Company</i>	<i>First</i>	<i>Last</i>
ITRI	Mickey	Long	MUST	Frank	Koo
ITRI	Anderson S. T.	Hsu	NDHU	Der Ray	Huang
ITRI	B. N.	Chuang	TITRI	Teng-Chun	Wu
ITRI	Yu-Tai	Li	King Design	Jason	Shih

**Table 2 Leadership Changes**

None

**Table 3 Ballot Results (or move to Section 4, Ballot Review)**

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>	<i>A&amp;R Forms for Approved Ballots</i>
5598	New Standard: Test Method for Durability of Low Light Intensity Organic Photovoltaic (OPV) and Dye Sensitized Solar Cell (DSSC)	Approval for revision	failed

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

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
1	SNARF	PV Reliability Test Method TF	Test Method for Polymer Foil dependent Discoloration of Silver Fingers on PV modules.

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

<i>#</i>	<i>When</i>	<i>SC/TF/WG</i>	<i>Details</i>
5598A	Cycle 7 2016	DSSC&OPV TF Report	New Standard: Test Method for Durability of Low Light Intensity Organic Photovoltaic (OPV) and Dye Sensitized Solar Cell (DSSC)

**Table 6 New Action Items (or move to Section 8, Action Item Review)**

See Section 8

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

See Section 8

### 1 Welcome, Reminders, and Introductions

Committee Co-Chair Joeng-Shein Chen called the meeting to order at 10:30. After welcoming all attendees, the SEMI 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 and approved the minutes of the previous meeting.

- ✓ Motion: Approve previous meeting minutes
- ✓ By / 2nd: Anderson S. T. Hsu (ITRI) / Frank Koo (MUST)
- ✓ Discussion: After review, all TC members agreed to approve it.
- ✓ Vote: -0-0 Motion passed.

Attachment : SEMI Taiwan PV Committee Meeting Minutes 20160422

## 3 Liaison Reports / SEMI Staff Reports

- NA PV Committee Liaison Report

Attachment: PVMaterials NA TC Chapter Liaison Report July 2016

- Europe PV Committee Liaison Report

Attachment: Europe PV Standard Committee Liaison Report July

- Japan PV Committee Liaison Report

Attachment: 160630 LiaisonReport JA PV&PVM v1.0

- China PV Committee Liaison Report:

Attachment: China Photovoltaic Committee Chapter Liaison Report20160322

### SEMI Staff Reports

- Attachment: SEMI Staff Report-20160722

## 4. Ballot Review

- The result of Doc 5598 for cycle 5 voting failed

## 5. TF Report

- **Package TF Report**  
None
- **DSSC&OPV TF Report** by Der Ray Huang (NDHU)  
Attachment: OPV and DSSC TF Report 20160722
- **Reliability Test Method TF Report** by Yu-Tai Li (ITRI)

There is no any feedback from global TC members after 2-week review of SNARF for New Standard: Test Method for Polymer Foil dependent Discoloration of Silver Fingers on PV modules.

Attachment: SNARF Discoloration of Silver Fingers 05232016 v3 (3)

- **BIPV TF Report**  
None
- **CIGS TF Report**  
None

## 6. Old Business

Doc #5560 is under processed by BIPV TF (ongoing)

Doc #5740 is under processed by Reliability Test TF (ongoing)

Doc#5979, is under drafting by DSSC&OPV TF (ongoing)

Doc#5980, is under drafting by DSSC&OPV TF (ongoing)

## 7. New Business

- Doc. 5598A (New Standard: Test Method for Durability of Low Light Intensity Organic Photovoltaic (OPV) and Dye Sensitized Solar Cell (DSSC))
  - It will be submitted cycle 7-2016
    - ✓ Motion: Authorize 5598 in cycle 5 of 2016 or cycle 6 of 2016
    - ✓ By / 2nd: Anderson Hsu (ITRI) / Jason Shih (King Design)
    - ✓ Discussion: After review, all TC members agreed to approve it.
    - ✓ Vote:8-0-0 Motion passed.
  
- Submit SNARF for New Standard: Test Method for Polymer Foil dependent Discoloration of Silver Fingers on PV modules to SEMI HQ to apply for Doc#.
  - ✓ Motion: Approve to submit SNARF to apply for Doc#.
  - ✓ By / 2nd: Yu-Tai Li (ITRI)/ Frank Koo (MUST)
  - ✓ Discussion: After review, all TC members agreed to approve it.
  - ✓ Vote: 9-0-0 Motion passed.
  
- Add two topics ( Solar Cell performance tracking and Drone monitor system) in the next TC meeting.

## 8. Action Item Review

SEMI Staff, Dean will send the Draft Doc. 5598A for cycle 7 voting.

SEMI Staff, Dean will send the SNARF for New Standard: Test Method for Polymer Foil dependent Discoloration of Silver Fingers on PV modules to SEMI HQ to apply for Doc#

## 9. Next Meeting and Adjournment

October 21, 2016 (Friday), 13:30-15:00 @ Rm.223, Bldg. 16, No. 321, Sec. 2, Kuang Fu Rd., Hsinchu

**Respectfully submitted by:**

**Dean Chang**

**SEMI Taiwan**

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**Email: dchang@semi.org**

Minutes approved by:

Joeng-Shein Chen	<Date approved>
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**Table 7 Index of Available Attachments #1**

#	Title	#	Title
1	<u>SEMI Taiwan PV Committee Meeting Minutes 201600422</u>	2	<u>PVMaterials NA TC Chapter Liaison Report July 2016</u>
3	<u>Europe PV Standard Committee Liaison Report July 2016</u>	4	<u>I60630 LiaisonReport JA PV&amp;PVM v1.0</u>
5	<u>China Photovoltaic Committee Chapter Liaison Report20160322</u>	6	<u>SEMI Staff Report-20160722</u>
7	<u>OPV and DSSC TF Report 20160722</u>	8	<u>SNARF Discoloration of Silver Fingers 05232016 v3 (3)</u>

#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.