Next Committee Meeting
13:30-16:30 Monday, October 3, 2016 <Japan Standard Time>
SEMI Japan, Tokyo, Japan

Committee Announcements (optional)
None

Table 1 Meeting Attendees

<table>
<thead>
<tr>
<th>Company</th>
<th>Last</th>
<th>First</th>
<th>Company</th>
<th>Last</th>
<th>First</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitsubishi Electric</td>
<td>Ito</td>
<td>Teruaki</td>
<td>Tokyo Electron</td>
<td>Asakawa</td>
<td>Terry</td>
</tr>
<tr>
<td>SIEMENS</td>
<td>Ohbuchi</td>
<td>Fumiyasu</td>
<td>Mitsubishi Electric</td>
<td>Yutani</td>
<td>Takashi</td>
</tr>
<tr>
<td>Tokyo Electron</td>
<td>Murata</td>
<td>Naoko</td>
<td>Mitsubishi Electric</td>
<td>Takahashi</td>
<td>Katsuyoshi</td>
</tr>
<tr>
<td>Mitsubishi Electric</td>
<td>Osaki</td>
<td>Koji</td>
<td>SEMI Japan</td>
<td>Collins</td>
<td>Junko</td>
</tr>
</tbody>
</table>

Table 2 Leadership Changes: none

<table>
<thead>
<tr>
<th>Group</th>
<th>Previous Leader</th>
<th>New Leader</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global EIS Task Force (Japan)</td>
<td>Takashi Yutani</td>
<td>Katsuyoshi Takahashi</td>
</tr>
</tbody>
</table>

Table 3 Ballot Results
None

Table 4 Authorized Ballots
None

Table 5 Authorized Activities

<table>
<thead>
<tr>
<th>#</th>
<th>Type</th>
<th>SC/TF/WG Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBD</td>
<td>SNARF</td>
<td>Line Item Revision to change designation letter of SEMI PV35-0215: Specification for Horizontal Communication between Equipment for Photovoltaic Fabrication System, including its subordinate document PV35.1-0215. *This will forward to European counterparts for their review to get global consensus.</td>
</tr>
</tbody>
</table>

Table 6 New Action Items (move to Section 9, Action Item Review)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Assigned to</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-0727-01</td>
<td>Staff</td>
<td>Distribute necessary documents to the EIS task force leader (Japan).</td>
</tr>
</tbody>
</table>
1 Welcome, Reminders, and Introductions

Teruaki Ito (Mitsubishi Electric), co-chair, called the meeting to order at 15:30. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed by SEMI Staff. Attendees introduced themselves.

Attachment: Required_Elements_Reg_20150327_E+J_2016StdTemplate

2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting.

Motion: To approve the previous meeting minutes written as it is.
By / 2nd: Naoko Murata (Tokyo Electron) / Koji Osaki (Mitsubishi Electric)
Discussion: None
Vote: 4 in favor and 0 opposed. Motion Passed.

Attachment: No attachment

3 Liaison Reports

3.1 Europe TC Chapter

There is no special report.

3.2 FlowMaster Forum

3.2.1 Since no FlowMater Forum meeting was held from the last TC chapter meeting, there is no special report at this meeting.

Attachment: No attachment

4 SEMI Staff Report

Junko Collins (SEMI Japan) gave the SEMI Staff Report as attached materials. Of note:

- Global SEMI Events
- Global Standards Meetings Schedule
- Ballot Critical Dates
- A&R Report
- Contact Information

Attachment: SEMI Staff Report 20160727_R0.1

5 Ballot Review

None
6 Subcommittee & Task Force Reports

6.1 Equipment Interface Specification (EIS) Task Force

**Attachment:** EIS TF Meeting 20160727b

6.1.1 Since the last TC Chapter meeting, the task force meetings were held twice.

6.1.2 New Task Force Leader

K. Takahashi was nominated as a new task force leader for successor of T. Yutani and the following motion was made at this TC Chapter Meeting.

- To approve K. Takahashi as a task force leader of Global EIS Task Force (in Japan)
  - Moved by T. Asakawa and seconded by N. Murata
  - No discussion
  - 4/0, motion passed.

The task force also calls for co-leader.

6.1.3 SNARF

SNARF for Line Item Revision to SEMI PV35.1-0215 Media Interface Specifications for a Horizontal Communication between Equipment was discussed. This SNARF will be submitted to the TC Chapter with consensus of the European counterpart of Global EIS Task Force.

See the attached SNARF which is affected the discussion at this TC Chapter meeting.

SNARF about MDMD specification has not been drafted yet.

**Attachment:** SNARF for Line Item Revisions PV35 20160727

6.1.4 TFOF

TFOF was reviewed for changing its scope by the task force. See the draft adopting discussion at the TC Chapter meeting today. See the draft adopting the discussion at the TC Chapter meeting today

The TC Chapter also reviewed and the following motion was made.

- To approve to propose European counterparts to revise the scope in the TFOF of Global EIS Task Force.
  - Moved by K. Takahashi, seconded by K. Osaki.
  - No special discussion
  - 4/0, motion passed.

- Task Force Leader and TC Chapter chairs will communicate with European counterpart. T. Ito will contact to C. Hoffman of AT EU Chapter chairperson.

**Attachment:** TFOF_EIS_TF_2016_0727a

7 Old Business

7.1 TC Chapter Project

7.1.1 Three-year Project Period

- There is no active SNARF approved by Japan TC Chapter.

**Attachment:** none

7.1.2 5-year Review

- Members reviewed the list. No action was needed at this meeting.

**Attachment:** none
8 New Business

8.1 New SNARF

8.1.1 SNARF for changing designation letters of PV35 and PV 35.1

Staff prepared draft of the SNARF and the following motion was made.

- To approve the content of the attached draft of SNARF to change designation letter of PV 35 and PV35.1.
  - Moved by K. Osaki and seconded by K. Takahashi
  - Discussion:
    TC Chapter asked the Regulation SC and confirmed that multiple line-items-documents can be merged in the same publication even those documents pass the A&R process separately per the TC’s decision.
    This SNARF should be forwarded to European counterpart for their review to get global consensus.
  - Vote: 4/0, motion passed. This SNARF will be forwarded to European counterparts with the TFOF said in 6.1.4 and SNARF said in 6.1.3.

Attachment: SNARF for 2016_designation letters regarding PV35, PV35.1 R0.3
9 Action Item Review

9.1 Open Action Items

Junko Collins (SEMI Japan) reviewed the open action item. This can be found in the Open Action Items table at the beginning of these minutes.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Assigned to</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-0119-02</td>
<td>EIS TF</td>
<td>To submit the SNARF for revision to PV35.1 to remove limitation data block length to the TC Chapter before the next TC Chapter Meeting. OPEN (ongoing)</td>
</tr>
<tr>
<td>2016-0422-01</td>
<td>Chairs and Staff</td>
<td>To prepare SNARF for changing designation                               DONE</td>
</tr>
<tr>
<td>2016-0422-02</td>
<td>EIS Task Force (T. Yutani)</td>
<td>To prepare SNARF for MD Specification                                   OPEN</td>
</tr>
<tr>
<td>2016-0627-01</td>
<td>T. Ito</td>
<td>To create mapping International Standards regarding Smart Manufacturing by July 4. Keyword: IEC, ISO, U4.0. DONE</td>
</tr>
<tr>
<td>2016-0627-02</td>
<td>Staff</td>
<td>1. To gain written approval to change designation letters regarding PV35, PV35.1 and PV55.  <strong>DONE</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. To ask and to get response from Regulation SC conflict between A5-1.1 and A5-1.2 in Appendix 5 before the next TC Chapter meeting. Will be report at the next meeting. <strong>DONE by Terry Asakawa</strong></td>
</tr>
<tr>
<td>2016-0627-03</td>
<td>EIS TF</td>
<td>1. To work on AI 2016-0119-02 after PV35.1 is changed to A.x.x OPEN (ongoing) <strong>Changing the designation letter and the AI 2016-0119-02 are worked concurrently.</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. To address other items to be revised at the same time OPEN (ongoing)</td>
</tr>
</tbody>
</table>

9.2 New Action Items

<table>
<thead>
<tr>
<th>Item #</th>
<th>Assigned to</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-0727-01</td>
<td>Staff</td>
<td>Distribute necessary documents to the EIS task force leader (Japan).</td>
</tr>
</tbody>
</table>

10 Next Meeting and Adjournment

The next meeting of the Japan TC Chapter of Automation Technology Global Technical Committee is scheduled for 13:30-16:30 Monday, October 3, 2016, SEMI Japan office in Tokyo.

Respectfully submitted by:
Junko Collins
Standards & EHS
SEMI Japan
Phone: +81.3.3222.5819
Email: jcollins@semi.org

Minutes approved by: the meeting on July 27

<Makoto Ishikawa> (Nisshinbo Mechatronics), Co-chair
<Terry Asakawa> (Tokyo Electron), Co-chair
<Teruaki Ito> (Mitsubishi Electric), Co-chair