

Record of Line-item Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: [Japan](#)

Global Technical Committee: [Automation Technology](#)

TC Chapter Cochairs: [Teruaki Ito/Mitsubishi Electric](#), [Terry Asakawa/Consultant](#)

Standards Staff: [Junko Collins](#)

	Scheduled in Background Statement	Actual
Date	04/19/2017	04/19/2017
Location	Meeting Room, SEMI Japan, Ichigaya, Tokyo, Japan	Meeting Room, SEMI Japan, Ichigaya, Tokyo, Japan
Reason for Change of Date and/or Location (if changed)		

Note: See *Regulations* ¶ 9.5 Exception for allowable reason to change.

Document Information

I. Document Number, Title, Lists of Line Items

<p>Document Number 6088</p>	<p>Document Title Line Item Revision to: ‘SEMI PV35-0215 Specification for Horizontal Communication between Equipment for Photovoltaic Fabrication System’ with designation and title changes to ‘SEMI Axxx-mmyy Specification for Horizontal Communication between Equipment for Factory Automation System (HC)’, and ‘SEMI PV35.1-0215 Media Interface Specifications for a Horizontal Communication between Equipment’ with designation and nonconforming title changes to ‘SEMI Axxx.1-mmyy Specification for Media Interface for a Horizontal Communication between Equipment’</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">List of Line Items</p>	<p>Line Item 1</p>	<p>Line Item Title Change designation of SEMI PV35 from “PV” to “A”</p>
	<p>Line Item 2</p>	<p>Line Item Title Correct non-conforming title of SEMI PV35.1</p>
	<p>Line Item 3</p>	<p>Line Item Title Revise the length of data block</p>
	<p>Line Item 4</p>	<p>Line Item Title Correct the abbreviation of data block in PV35</p>
	<p>Line Item 5</p>	<p>Line Item Title Release assigned STD_IDs which are not used in PV35</p>
	<p>Line Item 6</p>	<p>Line Item Title Improve expressions which indicate the length of ‘Line Information’ or ‘Track Information’ in Data Block of PV35.1</p>

Line Item 1 Adjudication

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	93	=	61.3%	≥60%
Intercommittee Ballot	17					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	38					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects: None

*There is no reject on this line item.

IV. Other Technical Issues: None

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.2.4.5)

V. Comments

V- (i) Voters' Comments: None

*There is no voter's comment on this line item.

V-(ii) Comments Created by Handling Negative: None

*There is no comment created by handling negative on this line item.

VI. Editorial Changes Other than Those Voted on in § V: None

*There is no editorial change on this line item.

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.7.1.2*)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.7.1.3*)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	38	/	38	=	100.0%		≥	90%

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 1 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 1 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 2 Adjudication

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (Regulations ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	93	=	61.3%	≥60%
Intercommittee Ballot	17					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	37					

Note: See Regulations § 3.2.1 for definition of Voting Interest.

III. Rejects: None

*There is no reject on this line item.

IV. Other Technical Issues: None

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in Regulations § 9.6.4.3 to make a technical change to the Document. (Regulations ¶ 9.6.2.4.5)

V. Comments

V- (i) Voters' Comments: None

*There is no voter's comment on this line item.

V-(ii) Comments Created by Handling Negative: None

*There is no comment created by handling negative on this line item.

VI. Editorial Changes Other than Those Voted on in § V: None

*There is no editorial change on this line item.

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.7.1.2*)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.7.1.3*)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	37	/	37	=	100.0%		≥90%	

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 2 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 2 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 3 Adjudication

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	93	=	61.3%	≥60%
Intercommittee Ballot	17					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	36					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects: None

*There is no reject on this line item.

IV. Other Technical Issues: None

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.2.4.5)

V. Comments

V- (i) Voters' Comments: None

*There is no voter's comment on this line item.

V-(ii) Comments Created by Handling Negative: None

*There is no comment created by handling negative on this line item.

VI. Editorial Changes Other than Those Voted on in § V: None

*There is no editorial change on this line item.

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.7.1.2*)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.7.1.3*)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	36	/	36	=	100.0%		≥90%	

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 3 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 3 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 4 Adjudication

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	93	=	61.3%	≥60%
Intercommittee Ballot	17					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	36					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects: None

*There is no reject on this line item.

IV. Other Technical Issues: None

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.2.4.5)

V. Comments

V- (i) Voters' Comments: None

*There is no voter's comment on this line item.

V-(ii) Comments Created by Handling Negative: None

*There is no comment created by handling negative on this line item.

VI. Editorial Changes Other than Those Voted on in § V: None

*There is no editorial change on this line item.

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.7.1.2*)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.7.1.3*)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	36	/	36	=	100.0%		≥90%	

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 4 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 4 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 5 Adjudication

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	93	=	61.3%	≥60%
Intercommittee Ballot	17					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	36					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects: None

*There is no reject on this line item.

IV. Other Technical Issues: None

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.2.4.5)

V. Comments

V- (i) Voters' Comments: None

*There is no voter's comment on this line item.

V-(ii) Comments Created by Handling Negative: None

*There is no comment created by handling negative on this line item.

VI. Editorial Changes Other than Those Voted on in § V: None

*There is no editorial change on this line item.

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.7.1.2*)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.7.1.3*)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	36	/	36	=	100.0%		≥90%	

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 5 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 5 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 6 Adjudication

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	93	=	61.3%	≥60%
Intercommittee Ballot	17					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	36					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects: None

*There is no reject on this line item.

IV. Other Technical Issues: None

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.2.4.5)

V. Comments

V- (i) Voters' Comments: None

*There is no voter's comment on this line item.

V-(ii) Comments Created by Handling Negative: None

*There is no comment created by handling negative on this line item.

VI. Editorial Changes Other than Those Voted on in § V: None

*There is no editorial change on this line item.

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.7.1.2*)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.7.1.3*)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	36	/	36	=	100.0%		≥	90%

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 6 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 6 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Checks for Entire Document Including All Approved Line Items

VIII. Safety Check

Note: This Safety check applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 15 of the Regulations for further information.

Motion	x	This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations</i> ¶ 8.7.1)
		This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)
		Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (<i>Regulations</i> ¶ 15.1.2)
Motion by/2nd by		K. Takahashi (Mitsubishi Electric)/ N. Murata (Tokyo Electron)
Discussion		none
Vote		3 Y-0 N; Motion passed

IX. Intellectual Property (IP) Check

Note: This IP check applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 16 of the Regulations for further information.

x	The TC Chapter meeting chair asked those participating, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline. (<i>Regulations</i> ¶ 8.8.1)	
	x	No potentially material patented technology or reproduction of copyrighted items is known. GO TO SECTION X.
		Potentially material patented technology or reproduction of copyrighted items is known, but a Letter of Assurance (LOA) or copyright release letter for such items has been obtained or presented to the TC Chapter. GO TO SECTION X.
		Potentially material patented technology or reproduction of copyrighted items is known and use of such materials is technically justified by the TC Chapter, but an LOA or copyright release letter for some of the item(s) has NOT been obtained or presented to the TC Chapter.
Motion		Ask ISC for special permission to publish.
		Quit activity.
		Wait for LOA for patented technology or release of copyrighted items.
Motion by/2nd by		Name (Company)/Name (Company)
Discussion		XXXX
Vote		XX Y-XX N
Final Action		Motion passed
		Motion failed

* Note: Such potentially material patented technology or copyrighted items might have become known since the Standard or Safety Guideline was last reviewed, or might become relevant due to this Letter Ballot.

X. Action for This Document

Motion (Check all applicable items)	<input checked="" type="checkbox"/>	Line item(s) 1,2,3,4,5 and 6 passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] passed TC Chapter review with technical changes and with or without editorial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes.
	<input type="checkbox"/>	Line item(s) 1 failed TC Chapter review and will be returned to the TF for rework.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by	K. Takahashi (Mitsubishi Electric) / N. Murata (Tokyo Electron)	
Discussion	None	
Vote	3/0	
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

Standards staff to record the result of the A&R procedural review here:

A&R	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Approved for publication
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Approved pending acceptance of the Ratification Ballot
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Not approved
	Reason:	