Procedural Review Voting Sheet
2014 Cycle 3

1 REGION: Japan
2 COMMITTEE: PV Automation
3 EVENT: Japan Standards Summer 2014 Meetings
4 DATE OF MEETING: 2014/06/27
5 PLACE OF MEETING: SEMI Japan, Tokyo
6 COMMITTEE CO-CHAIRS: Terry Asakawa/Tokyo Electron, Makoto Ishikawa/Nisshinbo, Emi Ishikawa/Atelier Ishikawa
7 SEMI STAFF: Chie Yanagisawa

A&R Voter: Name/Company
Date: 200X/MM/DD

I. Document Number & Title

Document 5697	Document Title: LINE ITEM REVISIONS TO SEMI PV35-0114, SPECIFICATION FOR HORIZONTAL COMMUNICATION BETWEEN EQUIPMENT FOR PHOTOVOLTAIC FABRICATION SYSTEM

II-1 Line item 1

Line Item 1	Line Item Title: In the Material Handoff Handshake State Model, relationship between the state Sf00 to Sf09 and the signals ST0 to STcomp is not aligned and causes a lot of misinterpretations. Also, Pause Takeover sequence for Slave Port is not specified in PAUSE sequence.

1. Tally (Staff to fill in)

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

A minimum of 60% of the voting interests that have voting members within the technical committee must return votes. (Regulations ¶ 9.6.1)

	Return		Distribution		Return Rate	
Yellow	51	÷	85	=	60.0%	>=60%
Lilac & Others	43					

Total Vote	94					
Reject	0					
Accept	30					

A&R	☐ Not approved
	Reason:

2. Rejects

There was no reject vote received for Line Item 1 of the document 5697.

3. Comments

Comment 1

Comment	Referenced Section	*TF/Committee to fill in if necessary
	From	Jerry Zhou (Canadian Solar Inc.)
	Comment	not framiliar to this part
	Discussion	This comment does not provide any technical proposal to be discussed.

Action proposed	X	The committee agreed to do one of the following actions.	
		*No motion is required in this step.	
		X	No further action was taken by the committee.
			Refer to the task force for more consideration.
			New Business
			Other
	Editorial Change		
		Case 1: No vote in this section :	
		To be included and voted on in 4. Summary of Editorial Changes.	
		Case 2: Voted in this section :	
		Original section number and at least one full sentence are required in “FROM” and “TO” fields.	
	1	FROM: Section xxx	
		To: Section xxx	
		Justification (If necessary)	
	2	FROM: Section xxx	
		To: Section xxx	
		Justification (If necessary)	

Motion by/2nd	Name (Company)/Name (Company)
Vote	XX-XX Motion passed (or failed)

A&R		Not approved
	Reason:	

4. Summary of Editorial Changes

None

5. Approval Conditions Check

APPROVAL CONDITION 1: All negatives have been discussed and were withdrawn, found not related, or not persuasive. (Regulations ¶ 9.6.2)

APPROVAL CONDITION 2: At least 90% of the sum of the valid accept and reject votes must be accept. (Regulations ¶ 9.6.3)

Note: if both approval conditions are not satisfied, the balloted item fails.

		Accepts		(Accepts + Valid Rejects)				
Approval Rate	=	30	/	30	=	100.0%		>=90%

6. Preliminary action for this line item

Motion	X	This line item passed committee review as balloted.
		This line item passed committee review with editorial changes
		This line item failed committee review and will be returned to the task force for rework.
		This line item failed committee review and work will be discontinued.
Motion by/ 2nd by		Takashi Murakami (Tokyo Electron) / Naoko Murata (Tokyo Electron)
Discussion		None
Vote		6-0
Final Action	X	Motion passed
		Motion failed
A&R		Approved
		Not approved
		Reason:

II-2 Line item 2

Line Item 2	Line Item Title: Byte order on communication line is not specified precisely but recommended as endian, and it causes mismatch between different equipment suppliers.

1. Initial Tally

	Return		Distribution		Return Rate	
Yellow	51	÷	85	=	60.0%	>=60%
Lilac & Others	43					

Total Vote	94					
Reject	1					
Accept	28					

2. Rejects

Negative 1 of Reject 1 (Carsten Born / Vitronic GmbH)

Negative	Referenced Section		*TF/Committee to fill in if necessary 7.3.5 *Assignment of Multiple Byte Data on Memory* ~~Big/Little Endian~~ — ~~If there is no explicit specification for the network byte order given by the used transmission media, a little endian byte order has to be used for every two byte data defined in both CD and MD format.~~ Multiple byte data defined in this Standard shall be assigned in the way of "less significant byte in higher address". ***These sentences above are quoted exactly what they are in the ballot.**	
	Reason		*Original negative comment and as well as justification should be included. The endianity describes 2 aspects of data storage / transmission: ➢ The significance of the bits within a transmitted byte. ➢ The significance of the bytes within a multibyte data type. It does NOT describe the transmission order of bytes within a complex data block like the data blocks defined in this standard. It makes no sense to REPLACE the definition of the endianity by a definition of the transmission order. Both needs to be defined. What is the meaning of 'address' in this definition? If it is 'Memory Address' this makes no sense, because we have no information on the system that runs the PV35 implementation. For that we do not know how the information is stored within its memory and a definition based on memory addresses doesn't help. In my opinion the definition of endianity and byte order can only be made for a specific transport media. For that the definition should be part of the subordinate standard documents and be removed from this document at all.	
Withdrawal		X	No withdrawal made	GO TO "Related" section
			Withdrawal document received by staff on XXXX	GO TO "Final" → (A)
Related	Motion and Reason	X	"Related" is mutually agreed upon. *This motion can be appended to the motion for Persuasive (See Persuasive Section)	

			Negative is related **(needs over 1/3 votes to pass)**	
			Negative is not related **(needs 2/3 or more votes to pass)**	
			Reason	XXXX
	Motion by/2nd by	Name (Company)/Name (Company)		
	Discussion			
	Result of Vote (check ONE)	XX-XX		
			[Negative is related] > 1/3	**GO TO "Persuasive"**
			[Negative is not related] < 2/3	
			2/3=< [Negative is not related] <90%	**GO TO "Final" → (B)**
			90% =< [Negative is not related]	**GO TO "Not Significant Finding Option"**
Persuasive	**Motion and Reason**	X	Negative is related and persuasive **(needs over 1/3 votes to pass)**	
			Negative is related and not persuasive **(needs 2/3 or more votes to pass)**	
			Reason	The word "Memory" and "address" are not appropriate to describe arrayed data.
	Motion by/2nd by	Takashi Murakami (Tokyo Electron) / Naoko Murata (Tokyo Electron)		
	Discussion	None		
	Result of Vote (check ONE)	6-0		
		X	[Negative is related and persuasive] > 1/3	**GO TO "Final" → (E)**
			[Negative is related and not persuasive] < 2/3	
			2/3=<[Negative is related and not persuasive] <90%	**GO TO "Final" → (C)**
			90% =< [Negative is related and not persuasive]	**GO TO "Not Significant Finding Option"**
Not Significant Finding Option	**This option can only be used in either case of "if the committee finds a negative not related by a vote equal to or greater than 90% of the persons voting on the action" or "if the committee finds a negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action". (Regulations ¶ 9.5.3.1.4, 9.5.3.3.2)**			
			It is mutually agreed upon to term the negative "not significant"	**GO TO → (D)**
			It is mutually agreed upon to term the negative "significant"	**GO TO → (B) OR (C)**
	Motion		The negative is "not significant".	
	Motion by/2nd by	Name (Company)/Name (Company)		
	Vote		XX-XX Motion passed with simple majority	**GO TO → (D)**
			XX-XX Motion failed with simple majority	**GO TO → (B) OR (C)**
	Final	Negative is:		
			(A)	withdrawn (counted under **h** in disposition)
			(B)	not related (significant) (counted under **i** in disposition)
			(C)	related and not persuasive (significant)
			(D)	not significant (counted under **j** in disposition)
		X	**(E)**	related and persuasive **DOCUMENT FAILS**
			Comment generated. See comment #x	

A&R		Not approved
	Reason:	

Disposition of Reject 1

	Original number of Negatives		**(g)**
	# of Negatives withdrawn		**(h)**
	# of Negatives found not related		**(i)**
	# of Negatives found not significant		**(j)**
Final		**g-(h+i+j)=0**	☐ Reject **is Not Valid and is not** included in the denominator of V. Approval Conditions Check
		g-(h+i+j)>0	☐ Reject **is** included in the denominator of V. Approval Conditions Check
		Reject without a Negative	☐**Not Valid**

Note: If all of the negative material included with a reject vote is withdrawn, determined to be not related, or determined to be not significant, the reject vote is not valid. (Regulations ¶ 9.4.3.3)

A&R		Not approved
	Reason:	

3. Comments

There was no comment received for Line Item 2 of the document 5697.

4. Summary of Editorial Changes

None

5. Approval Conditions Check

No need to check for this line item.

6. Preliminary action for this line item

Motion		This line item passed committee review as balloted.
		This line item passed committee review with editorial changes
	X	This line item failed committee review and will be returned to the task force for rework.
		This line item failed committee review and work will be discontinued.
Motion by/ 2nd by	Takashi Murakami (Tokyo Electron) / Naoko Murata (Tokyo Electron)	
Discussion	None	
Vote	6-0	
Final Action	X	Motion passed
		Motion failed
A&R		Approved
		Not approved
	Reason:	

II-3 Line item 3

Line Item 3	Line Item Title: In the sequence of Mode Resolution, the validation timing of received Material Data is not specified.

1. Tally (Staff to fill in)

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

A minimum of 60% of the voting interests that have voting members within the technical committee must return votes. (Regulations ¶ 9.6.1)

	Return		Distribution		Return Rate	
Yellow	51	÷	85	=	60.0%	>=60%
Lilac & Others	43					

Total Vote	94					
Reject	0					
Accept	28					

A&R		Not approved
	Reason:	

2. Rejects

There was no reject vote received for Line Item 3 of the document 5697.

3. Comments

There was no comment received for Line Item 3 of the document 5697.

4. Summary of Editorial Changes

None

5. Approval Conditions Check

APPROVAL CONDITION 1: All negatives have been discussed and were withdrawn, found not related, or not persuasive. (Regulations ¶ 9.6.2)

APPROVAL CONDITION 2: At least 90% of the sum of the valid accept and reject votes must be accept. (Regulations ¶ 9.6.3)

Note: if both approval conditions are not satisfied, the balloted item fails.

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	28	/	28	=	100.0%	>=90%

6. Preliminary action for this line item

Motion	**X**	This line item passed committee review as balloted.
		This line item passed committee review with editorial changes
		This line item failed committee review and will be returned to the task force for rework.
		This line item failed committee review and work will be discontinued.
Motion by/ 2nd by		Takashi Murakami (Tokyo Electron) / Naoko Murata (Tokyo Electron)
Discussion		None
Vote		5-0
Final Action	X	Motion passed
		Motion failed
A&R		**Approved**
		Not approved
		Reason:

II-4 Line item 4

Line Item 4	Line Item Title: There is a miss-definition of trigger signal state in Table 13.

1. Tally (Staff to fill in)

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

A minimum of 60% of the voting interests that have voting members within the technical committee must return votes. (Regulations ¶ 9.6.1)

	Return		Distribution		Return Rate	
Yellow	51	÷	85	=	60.0%	>=60%
Lilac & Others	43					

Total Vote	94					
Reject	0					
Accept	29					

A&R	Not approved
	Reason:

2. Rejects

There was no reject vote received for Line Item 4 of the document 5697.

3. Comments

There was no comment received for Line Item 4 of the document 5697.

4. Summary of Editorial Changes

None

5. Approval Conditions Check

APPROVAL CONDITION 1: All negatives have been discussed and were withdrawn, found not related, or not persuasive. (Regulations ¶ 9.6.2)

APPROVAL CONDITION 2: At least 90% of the sum of the valid accept and reject votes must be accept. (Regulations ¶ 9.6.3)

Note: if both approval conditions are not satisfied, the balloted item fails.

		Accepts		(Accepts + Valid Rejects)				
Approval Rate	=	29	/	29	=	100.0%		>=90%

6. Preliminary action for this line item

Motion	X	This line item passed committee review as balloted.
		This line item passed committee review with editorial changes
		This line item failed committee review and will be returned to the task force for rework.
		This line item failed committee review and work will be discontinued.
Motion by/ 2nd by		Takashi Murakami (Tokyo Electron) / Ken Sambu (Mitsubishi Electric)
Discussion		None
Vote		5-0
Final Action	X	Motion passed
		Motion failed
A&R		Approved
		Not approved
		Reason:

III. Safety Check

This section applies to the entire document.

See Section 14 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.
		This is a Safety Document: when all safety-related information is removed, the document is not technically sound and complete.
		Safety Checklist is complete and has been included with the document throughout the balloting process. (Regulations ¶ 14.3)
Motion by/ 2nd by		Takashi Murakami (Tokyo Electron) / Takashi Yutani (Mitsubishi Electric)
Discussion		None
Vote		5-0 Motion passed
A&R		Not approved
		Reason:

IV. Intellectual Property Check

Note: This ballot may be all or part of a Standard or Safety Guideline. This IP check applies to the entire Standard or Safety Guideline. See § 15 of the Regulations for further information

X	The meeting chair asked those present in person or by electronic link, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline.		
	X	No potentially material patented technology or copyrighted items are known	**GO TO SECTION V**
		Potentially material patented technology or copyrighted items are known but a Letter of Assurance (LOA) or copyright release for such material has been obtained or presented to the committee.	**GO TO SECTION V**
		Potentially material patented technology or copyrighted items are known but an LOA or copyright release for some of the material(s) has NOT been obtained or presented to the committee	
	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-XX
	Final Action		Motion Passed
			Motion Failed
A&R		**Not approved**	
		Reason:	

* 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 ballot.

V. Action for this document

Motion (Check all applicable items)	**X**	Line item(s) 1, 3 and 4 passed committee review as balloted and will be forwarded to the A&R for procedural review.
		Line item(s) [X], [X] and [X] passed committee review with editorial changes and will be forwarded to the A&R for procedural review.
	X	Line item(s) 2 failed committee review and will be returned to the task force for rework.
		Line item(s) [X], [X] and [X] failed committee review and work will be discontinued.
Motion by/ 2nd by		Takashi Murakami (Tokyo Electron) / Naoko Murata (Tokyo Electron)
Discussion		None
Vote		5-0
Final Action	X	Motion passed
		Motion failed
A&R		**Approved**
		Not approved
		Reason: