

# Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: [North America](#)

Global Technical Committee: [Information & Control](#)

TC Chapter Cochairs: [Brian Rubow \(Cimetrix\)](#), [Jack Ghiselli \(Ghiselli Consulting\)](#), [James Moyne \(AMAT / University of Michigan\)](#)

Standards Staff: [Michelle Sun](#)

	Scheduled in Background Statement	Actual
Date	<a href="#">4/5/2023</a>	<a href="#">4/5/2023</a>
Location	<a href="#">Milpitas, CA</a>	<a href="#">Milpitas, CA</a>
Reason for Change of Date and/or Location (if changed)		

Note: See [Regulations ¶ 9.5](#) Exceptions for allowable reason to change.

## I. Document Number and Title

Document Number	Document Title
<a href="#">7003</a>	<a href="#">Revision to SEMI E134-1022 Specification for Data Collection Management and SEMI E134.2-1022 Specification for Protocol Buffers of Data Collection Management</a>

## 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 ¶ 9.6.2.1.1](#))

Voting Tally (with example values):

Voting Interest:	Returned Votes	Distribution	Return Rate	
Letter Ballot	<a href="#">90</a>	÷ <a href="#">147</a>	= <a href="#">61.2%</a>	≥60%
Intercommittee Ballot	<a href="#">44</a>			
Voting Interest Reject(s)	<a href="#">0</a>	Total Voters with Rejects		<a href="#">0</a>
Voting Interest Accept(s)	<a href="#">55</a>			

Note: See [Regulations § 3.2.1](#) for definition of Voting Interest.

### III. Rejects

None

### IV. Other Technical Issues

None

### V. Comments

#### V- (i) Voters' Comments

##### Commenter 1 (Tomoko Suzuki / Daifuku) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	There are some numbers for sections (or notes) not updated.	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
	<input type="checkbox"/>	Already addressed by Commenter #, Comment #
	<input checked="" type="checkbox"/>	No further action was taken by the TC Chapter.
	<input type="checkbox"/>	Refer to the TF for more consideration.
	<input type="checkbox"/>	New Business
<input type="checkbox"/>	Editorial Change	

*This table is needed for each Comment accompanied a Vote*

##### Commenter 2 (Mitch Sakamoto / Zama Consulting) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	<i>Referenced Section/Paragraph: 16.1.2.1            Comment Text:            Reference: 16.1.2.1 Failure to send a notification message defined in this Specification is not considered a SEMI E132 communication error.            Comment: The 'communication error' should be clarified.            The sending notification may fail due to a communication error.</i>	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
	<input type="checkbox"/>	Already addressed by Commenter #, Comment #
	<input checked="" type="checkbox"/>	No further action was taken by the TC Chapter.
	<input type="checkbox"/>	Refer to the TF for more consideration.
	<input type="checkbox"/>	New Business
<input type="checkbox"/>	Editorial Change	

*This table is needed for each Comment accompanied a Vote*

## V-(ii) Comments Created by Handling Negative

None

## 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* ¶ 9.6.2.1.2)

**APPROVAL CONDITION 2:** At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.6.2.1.3)

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

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	55	/	55	=	100.0%		≥90%	

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

Note: See *Regulations* § 9.6.2 for further information.

**Globally Approved (No Ratification Ballot needed):**

The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.

**Need a Ratification Ballot:**

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

## VIII. Safety Check

Note: See *Regulations* § 15 for further information.

Motion	<input checked="" type="checkbox"/>	<b>This is not a Safety Document</b> , when all safety-related information is removed, the Document is still technically sound and complete. ( <i>Regulations</i> ¶ 8.7.1)
	<input type="checkbox"/>	<b>This is a Safety Document</b> , when all safety-related information is removed, the Document is not technically sound and complete. ( <i>Regulations</i> ¶ 8.7.2)
	<input type="checkbox"/>	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/2 <sup>nd</sup> by		By: Albert Fuchigami / PEER Group Inc. Second: Brian Rubow / Cimetrix Incorporated

<b>Discussion</b>	None
<b>Vote</b>	11 Y-0 N; Motion passed

## IX. Intellectual Property (IP) Check

**Note:** This Letter Ballot may cover all or part of a Standard or Safety Guideline. Regardless of the coverage, this IP check applies to the entire Standard or Safety Guideline\*. See *Regulations* § 16 for further information.

x	The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see <i>Regulations</i> ¶ 16.3.1.1) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations</i> ¶ 16.4.1.2) in the Standard or Safety Guideline. (Also see, <i>Regulations</i> § 8.8)									
	The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)	<b>GO TO SECTION X.</b>								
	x	The question is answered in affirmative	Is any of the known IPs a patented technology?	<table border="1"> <tr> <td style="background-color: #e0ffff;">x</td> <td style="background-color: #fce4ec;"><b>Yes, at least one of them is a patented technology</b></td> <td style="background-color: #fce4ec;"><b>GO TO IX (a) "Patented Technology" subsection</b></td> </tr> <tr> <td style="background-color: #e0ffff;"></td> <td style="background-color: #fce4ec;"><b>No</b></td> <td style="background-color: #fce4ec;"><b>GO TO IX (b) "Copyright items" subsection</b></td> </tr> </table>	x	<b>Yes, at least one of them is a patented technology</b>	<b>GO TO IX (a) "Patented Technology" subsection</b>		<b>No</b>	<b>GO TO IX (b) "Copyright items" subsection</b>
x	<b>Yes, at least one of them is a patented technology</b>	<b>GO TO IX (a) "Patented Technology" subsection</b>								
	<b>No</b>	<b>GO TO IX (b) "Copyright items" subsection</b>								

### IX(a) Patented Technologies subsection

#### IX(a1) Total numbers of Patented Technologies to be dealt with

1 Fill number	(l) Known Patented Technology that might be relevant to the Standard/Safety Guideline	0 Fill number	(m) Number of patented technologies first became known to the TC Chapter on or after the day of the issuance of this Letter Ballot	<b>Postpone assessment of such patented technologies to be performed at the next scheduled TC Chapter meeting.</b>
		1 Fill number	(n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot	<b>GO TO IX (a2)</b>

#### IX(a2) Assessment of disclosed patented technologies

<p><b>Disclosed patented technology #1</b></p> <p><a href="#">Asyst Patent Application</a></p> <p><a href="#">Mutli-protocol multi-client equipment server</a></p> <p><a href="#">Automation Job Management</a></p> <p><a href="#">Automated tool management in a multi-protocol environment</a></p> <p><a href="#">Apparatus and method for web-based tool management</a></p> <p>NON-ASSERTION AGREEMENT (LOA) between SEMI and Asyst Technologies has been signed with for US Patents #11/340101, #11/107508, #09/899833, and 09/496009, in 2008.</p>	<p><b>Date of Assessment (If different from the date of Letter Ballot adjudication)</b></p> <p>12/1/2007</p>
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Is disclosed patented technology #1 found to be "might be material" to the Standard/Safety Guideline?	<b>x</b>	YES (It is a PMPT)	Is the use of this PMPT technically justified?	<b>x</b>	YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3)
					NO	The Document is failed and returned to the TF
		NO	No further action is needed for patented technology #1			

This table is needed for each disclosed patented technology.

### IX(a3) LOA status check of PMPT of which inclusion assessed to be justified

LOA Status of PMPT #1						
Has an LOA for this patented technology been received from every owner ?	<b>x</b>	YES	PROCEED to check NEXT one, or if this is the last one, GO TO IX(b)			
		NO	MOTION		Ask ISC for special permission to publish.	
				Quit activity.	The Document is failed and returned to the TF	
				Wait for LOA	PROCEED to check NEXT one, or if this is the last one, GO TO IX(b1)	
			Motion by/ 2 <sup>nd</sup> by	Name (Company)/Name (Company)		
			Discussion	XXXX		
			Vote	XX Y-XX N; Motion passed (or failed)		

This table is needed for each PMPT of which inclusion assessed to be justified.

### IX(b1) Total numbers of copyrighted items to be dealt with

<b>0</b> Fill number	(o) Known copyrighted items that are used or reproduced to the Standard/Safety Guideline	<b>o &gt; 0</b> There is at least one known copy righted items that might be relevant to the Standard/Safety Guideline	GO TO IX (b2)
		<b>x</b> <b>o = 0</b> There is no disclosed copyrighted item	GO TO IX (c)

### IX(b2) Assessment of disclosed copyrighted items

Disclosed copyrighted item #1 (Brief description of its use in the Document):						
Is disclosed copyrighted item #1 used or reproduced in the Standard/Safety Guideline?		YES	Is the use/reproduction of this copyrighted item technically justified?		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(b3)
					NO	The Document is failed and returned to the TF

	<input type="checkbox"/>	NO	No further action is needed for copyrighted item #1
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*This table is needed for each disclosed copyrighted item.*

### IX(b3) Copyright release status check of copyrighted item of which inclusion assessed to be justified

Copyright release Status of copyrighted item #1			
Has the copyright release been received from its owner ?.	<input type="checkbox"/>	YES	<b>PROCEED to assess NEXT one, or if this is the last one, GO TO IX(c)</b>
	<input type="checkbox"/>	NO	MOTION <input type="checkbox"/> Ask ISC for special permission to publish.
			<input type="checkbox"/> Quit activity. <b>The Document is failed and returned to the TF</b>
			<input type="checkbox"/> Wait for copyright release letter <b>PROCEED to check NEXT one, or if this is the last one, GO TO IX(c)</b>
		<b>Motion by/ 2<sup>nd</sup> by</b>	Name (Company)/Name (Company)
		<b>Discussion</b>	XXXX
		<b>Vote</b>	XX Y-XX N; Motion passed (or failed)

*This table is needed for each copyrighted item of which use/reproduction assessed to be justified.*

### IX(c) Assessment of disclosed (identified) trademark

Is there any trademark in the Standard/Safety Guideline?	<input checked="" type="checkbox"/>	YES	Is every instance of trademark use technically justified?	<input checked="" type="checkbox"/>	YES	<b>GO TO IX(d)</b>
	<input type="checkbox"/>			NO	<b>The Document is failed and returned to the TF</b>	
	<input type="checkbox"/>	NO	<b>GO TO IX(d)</b>			

### IX(d) IP check completion condition check

The co-chair checks if any Patented Technologies first become known to the TC Chapter on or after the day of the issuance of this Letter Ballot? i.e., m>0 in IX(a1)	<input type="checkbox"/>	YES	<b>Sections IX(a2) and IX(a3) shall be completed and recorded for such patented technologies at next scheduled meeting of the TC Chapter. Until then, the TC Chapter shall NOT go to X (making motion to pass/fail this Document) (see Regulations ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold.</b>
	<input checked="" type="checkbox"/>	NO	<b>GO TO X</b>

## X. Action for This Document

Motion	<input checked="" type="checkbox"/>	This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
	<input type="checkbox"/>	This Document passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
	<input type="checkbox"/>	This Document 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"/>	This Document failed TC Chapter review and will be returned to the TF for rework.

	This Document failed TC Chapter review and work will be discontinued.	
<b>Motion by/ 2<sup>nd</sup> by</b>	By: Albert Fuchigami / PEER Group Inc. Second: Brian Rubow / Cimetrix Incorporated	
<b>Discussion</b>	None	
<b>Vote</b>	11 Y-0 N	
<b>Final Action</b>	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

**Note: If the use of PMPT or copyrighted item is justified by the TC Chapter, LOA or release form must be received before publication can proceed.**