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	4/5/2023	4/5/2023
Location	Milpitas, CA	Milpitas, CA
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 7003	Document Title Revision to SEMI E134-1022 Specification for Data
	Collection Management and SEMI E134.2-1022
	Specification for Protocol Buffers of Data Collection
	Management

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):

Returned Votes		Distribution		Return Rate	
90	÷	147	=	61.2%	≥60%
44					
0		Total Vo	ters	with Rejects	0
55					
	90 44 0	<u>44</u> 0	90 ÷ 147 44 - - 0 Total Vo	90 ÷ 147 = 44	90 ÷ 147 = 61.2% 44

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

III. Rejects

IV. Other Technical Issues

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.									
	The TC Chapter agreed to do one of the following actions.								
*No motion is required in this step.									
A		Already addressed by Commenter #, Comment #							
Action	x No further action was taken by the TC Chapter.								
ſ	Refer to the TF for more consideration.								
	New Business								
		Editorial Change							

This table is needed for each Comment accompanied a Vote

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

	*TF	/TC Chapter to fill in section/paragraph #, if necessary.							
Comment	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.								
		sending notification may fail due to a communication error.							
	The TC Chapter agreed to do one of the following actions.								
	*Nc	motion is required in this step.							
A		Already addressed by Commenter #, Comment #							
Action	X No further action was taken by the TC Chapter.								
٢	Refer to the TF for more consideration.								
	New Business								
		Editorial Change							

This table is needed for each Comment accompanied a Vote

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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)

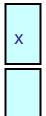
APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.6.2.1.3)

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

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	55	1	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):

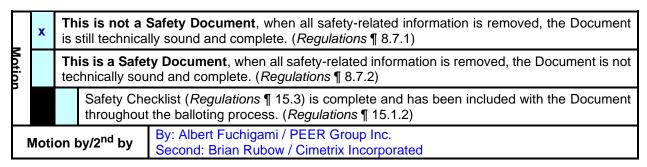
The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.

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.



Discussion	None
Vote	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.)	GO TO SECTION X.						
	x	The question is answered in affirmative	Is any of the known IPs a patented	x	Yes, at least one of them is a patented technology	GO TO IX (a) "Patented Technology" subsection			
			technology?		Νο	GO TO IX (b) "Copyright items" subsection			

IX(a) Patented Technologies subsection

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

1 Fill	(I) Known Patented Technology that might be relevant to	Fill	(m) Number of patented technologies first became known to the TC Chapter on or after the day of the issuance of this Letter Ballot	performed at the next
numbe	r the Standard/Safety Guideline	Fill	(n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot	GO TO IX (a2)

IX(a2) Assessment of disclosed patented technologies

Disclosed patented technology #1 Asyst Patent Application Mutli-protocol multi-client equipment server Automation Job Management Automated tool management in a multi-protocol environment Apparatus and method for web-based tool management	Date of Assessment (If different from the date of Letter Ballot adjudication) 12/1/2007
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.	

Is disclosed patented technology #1 found to be	X	YES (It is a PMPT)	Is the use of this PMPT technically justified?	X	YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3)
"might be material" to the Standard/Safety Guideline?	aterial" to the				NO	The Document is failed and returned to the TF
		NO	No further action is nee	ded f	or patente	d 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									
	x	YES	S PROCEED to check NEXT one, or if this is the last one, GO TO IX(b)						
Has an LOA for this patented technology been received from every owner?		NO	MC		Ask ISC for sp	ecial permission to publish.			
			MOTION		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 nd 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

) Fill number	(o) Known copyrighted items that are used or reproduced to the Standard/Safety Guideline		o > 0 There is at least one known copy righted items that might be relevant to the Standard/Safety Guideline	GO TO IX (b2)
1			x	o = 0 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	YES	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)		
in the Standard/Safety Guideline?					NO	The Document is failed and returned to the TF		

	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								
		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(c)					
Has the copyright		NO	MOTION		Ask ISC for special permission to publish.			
release been received from its owner ?.					Quit activity.	The Document is failed and returned to the TF		
					Wait for copyright release letter	PROCEED to check NEXT one, or if this is the last one, GO TO IX(c)		
				ion	by/ 2 nd by	Name (Company)/Name (Company)		
				cuss	iion	XXXX		
				е		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

	X		Is every instance of trademark use technically justified?	X	YES	GO TO IX(d)
Is there any trademark in the Standard/Safety Guideline?	YES	YES				The Document is failed and returned to the TF
		NO	GO TO IX(d)			

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)		YES	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 <i>Regulations</i> ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold.
	x	NO	GO TO X

X. Action for This Document

	x	This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
Motio		This Document passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
ion		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.
		This Document failed TC Chapter review and will be returned to the TF for rework.

This Docu	ument failed TC Chapter review and work will be discontinued.					
Motion by/ 2 nd by	By: Albert Fuchigami / PEER Group Inc. Second: Brian Rubow / Cimetrix Incorporated					
Discussion	None					
Vote	11 Y-0 N					
Final Action	x Motion passed					
	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.