

Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **Japan**

Global Technical Committee: **Metrics**

TC Chapter Cochairs: **Mitch Sakamoto / ZAMA Consulting**

Standards Staff: **Michelle Sun / Chie Yanagisawa**

	Scheduled in Background Statement	Actual
Date	4/1/2020	9/4/2020
Location	Milpitas, CA/USA	SEMI Japan office, Tokyo, Japan
Reason for Change of Date and/or Location (if changed)	NA Metrics Committee was unable to meet face-to-face due to the COVID-19 pandemic. The ballot underwent locale transfer and was approved by GCS on 7/7/2020.	

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

I. Document Number and Title

Document Number 6579	Document Title Revision to SEMI E79-0814 ^E SPECIFICATION FOR DEFINITION AND MEASUREMENT OF EQUIPMENT PRODUCTIVITY
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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	44	÷	62	=	71.0%	≥60%
Intercommittee Ballot	0					
Voting Interest Reject(s)	1		Total Voters with Rejects			1
Voting Interest Accept(s)	35					

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

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: Safety Guru)

Voter Reject 1 (Voter: Eric Sklar / Safety Guru)

Negative 1

Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.		
		5.2.32 <i>nonscheduled state (NST)</i> — the equipment state when the equipment system is not scheduled to be utilized in production.		
	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. Rewrite to clarify that this is only the state in which the equipment is when it is not in any of the other five states. <i>Reason/Justification:</i> There are six defined states. Of the five that are not NST, this definition excludes only PRD. However, as the equipment can be in only one state at a time, the definition of NST must also exclude ENG, SBY, SDT, and UDT.		
TF input (optional)		Agreed that a significant change is needed to this definition.		
Withdrawal (check one)	<input checked="" type="checkbox"/>	No Negative withdrawal made by Voter.	GO TO "Related" subsection	
	<input type="checkbox"/>	Withdrawal document received by Standards staff on MM/DD/YYYY.	GO TO "Final" subsection → (A)	
Related	Motion and Reason (check one)	<input checked="" type="checkbox"/>	'Related' is mutually agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection
		<input type="checkbox"/>	Negative is not related. (Needs ≥2/3 votes to pass.)	
		Reason	XXXX	
	Motion by/ 2 nd by	Name (Company)/Name (Company)		
	Discussion			
	Result of Vote (check one)	XX Y-XX N; Motion passed/failed.		
		<input type="checkbox"/>	[Negative is not related.] < 2/3	GO TO "Persuasive" subsection
<input type="checkbox"/>		2/3 ≤ [Negative is not related.]	GO TO "Final" subsection → (B)	
Persuasive	Motion and Reason (check one)	<input checked="" type="checkbox"/>	Negative is related and persuasive. (Needs >1/3 votes to pass.)	
		<input type="checkbox"/>	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)	
		Reason	TF agreed that a significant technical change is needed to this definition to specify when the continuous downtime event ends. The TF also agreed that there are other technical changes needed based on other Negatives.	
	Motion by/ 2 nd by	David Bouldin (Fab Consulting) / Supika Mashiro (TEL)		
	Discussion	None		
		2 Y-0 N; Motion passed		

Result of Vote (check one)		[Negative is related and persuasive.] > 1/3	Is a technical change recommended? (check one)		Y	GO TO “Address by Technical Change Option” subsection	
		[Negative is related and not persuasive.] < 2/3		X	N	GO TO “Final” subsection → (E)	
		2/3 ≤ [Negative is related and not persuasive.] < 90%	GO TO “Final” subsection → (C)				
		90% ≤ [Negative is related and not persuasive.]	GO TO “Not Significant Finding Option” subsection				
Address by Technical Change Option	Technical Change Recommendations Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields.						
	Technical Changes	1	FROM: Section/Paragraph XXX				
			TO: Section/Paragraph xxx				
			Justification (If necessary)				
		2	FROM: Section/Paragraph XXX				
			TO: Section/Paragraph xxx				
			Justification (If necessary)				
	Motion		Negative is addressed by the technical change(s).				
	Motion by/2 nd by		Name (Company)/Name (Company)				
	Discussion						
	Result of Vote (check one)		XX Y-XX N; Motion passed/failed.				
				2/3 ≤ [Negative is addressed by the technical change(s).]	GO TO “Incorporation of the Technical Change” subsection		
				[Negative is not addressed by the technical change(s).] < 2/3	GO TO “Final” subsection → (E)		
	Incorporation of the Technical Change	Motion		To incorporate the technical change(s).			
		Motion by/2 nd by		Name (Company)/Name (Company)			
		Discussion					
		Result of Vote (check one)		XX Y-XX N; Motion passed/failed.			
					90% ≤ [Agree to incorporate.]	GO TO “Final” subsection → (F)	
					[Disagree to incorporate.]>10%	GO TO “Final” subsection → (E)	
Not Significant	This option can be used only “if the TC Chapter finds a Negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action”. (Regulations ¶ 9.6.1.4.5.2)						
			It is mutually agreed upon to term the Negative “not significant”.		GO TO “Final” subsection → (D)		

	Use of “Not significant finding option” (check one)		It is mutually agreed upon to term the Negative “significant”.	GO TO “Final” subsection → (C)
			Whether or not the Negative is “not significant” is decided by a vote.	
	Motion	The Negative is “not significant”.		
	Motion by/ 2 nd by	Name (Company)/Name (Company)		
	Vote		XX Y-XX N; Motion passed with simple majority	GO TO “Final” subsection → (D)
			XX Y-XX N; Motion failed with simple majority	GO TO “Final” subsection → (C)
Final	(check if applicable)		(A)	Withdrawn (counted under h in disposition)
			(B)	Not related (counted under i in disposition)
			(C)	Related and not persuasive (significant)
			(D)	Not significant (counted under j in disposition)
		X	(E)	Related and persuasive and not addressed by technical change DOCUMENT FAILS
			(F)	Addressed by technical change (counted under k disposition)
	(check if applicable)		Comment generated. See Section V-(ii) Comment # X.	

This table is needed for each Negative.

Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

1	Original number (#) of Negatives		(g)
0	Number of Negatives withdrawn		(h)
0	Number of Negatives found not related		(i)
0	Number of Negatives found not significant		(j)
0	Number of Negatives addressed by technical change (Negative becomes not significant)		(k)
Final		$g - (h + i + j + k) = 0$	Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Check
	X	$g - (h + i + j + k) > 0$	Reject is included in the denominator of § VI. Approval Conditions Check
		Reject without a Negative	Not Valid

This table is needed for each Voting Interest Reject.

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (Regulations ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (Regulations ¶ 9.6.1.4.5.2)

IV. Other Technical Issues

None

V. Comments

None

V-(ii) Comments Created by Handling Negative

None

VI. Editorial Changes Other than Those Voted on in § V

None

VII. Approval Conditions Check

There is no need to check these items.

VIII. Safety Check

There is no need to check this item.

IX. Intellectual Property (IP) Check

There is no need to check this item.

X. Action for This Document

Motion	<input 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 checked="" type="checkbox"/>	This Document failed TC Chapter review and will be returned to the TF for rework.
	<input type="checkbox"/>	This Document failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by		David Bouldin (Fab Consulting) / Supika Mashiro (TEL)
Discussion		Mashiro: Whether the next ballot addresses E10 application to module/component level TF: Yes. TF will take it on the document.
Vote		2 Y-0 N
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

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