Record of Line-item 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	TBD	4/1/2021
Location	TBD	OVTCCM
Reason for Change of Date and/or Location (if changed)	COVID-19	

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

Document Information

I. Document Number, Title, Lists of Line Items

Document Number 6552B	Document Title Line Item Revision to SEMI E5-0219: Specification For SEMI Equipment Communications Standard 2
	Message Content (SECS-II)
Հ ⊑. Line Item 1	Line Item Title Logical Naming Conventions

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* ¶ 9.6.2.1.1)

Voting Tally (with example values):

Returned Votes		Distribution		Return Rate	
94	÷	156	=	60.3%	≥60%
0					
3		Total Vo	ters	with Rejects	3
25					
	94	3 61	94 ÷ 156 0 Total Vo	94 ÷ 156 = 0 Total Voters	94 ÷ 156 = 60.3% 0 Total Voters with Rejects

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

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: Yokogawa)
Voter Reject 1 (Voter: Nakagawa, Takashi / Yokogawa)

1109	ative 1									
Neg	Referenced Section/ Paragraph		TF/TC Chapter to fill in, including text in the ballot if necessary.							
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. VNAME is described as 'This is not used in any message' in Table 1. If so, it should not be defined. It should be defined if it is used in the message.								
TFi	input (optional)	VNA defi Alte Pro an E Pos	AME can be defined wi nitions proposed in the rnatives posal to move definition Editorial Change. 2 in f sibly ratification ballo	thout using it in a message. It in the ballot. on out of the table, into the sections	s referenced by the tion where it is mentioned, as to allow this. 2 in favor					
	Withdrawal (check one)	Х	No Negative withdrawa	,	GO TO "Related" subsection GO TO "Final" subsection					
	(Check one)		MM/DD/YYYY.	received by Standards staff on	→ (A)					
	Motion and	×	'Related' is mutually ag	greed upon. (Needs no motion.)	GO TO "Persuasive" subsection					
	Reason		Negative is not related.	. (Needs ≥2/3 votes to pass.)						
	(check one)		Reason	xxxx						
Reli	Motion by/ 2 nd by	Nan	ne (Company)/Name (C	Company)						
Related	Discussion									
		XX '	Y-XX N; Motion passed	/failed.						
	Result of Vote (check one)		[Negative is not related	1.] < 2/3	GO TO "Persuasive" subsection					
	(5.155)		2/3 ≤ [Negative is not re	elated.]	GO TO "Final" subsection → (B)					
	Motion and Reason	X	Negative is related and	I persuasive. (Needs >1/3 votes	to pass.)					

	(cl	neck	one)		Negative is related ar	nd not p	ersuasive. (Needs	≥2/3	3 vot	es to pass.)
				Reason XXXX						
		otio 2 nd	n by/ bv		Brian Rubow / Cimetrix ond: James Moyne / U					
۱,,			ssion	Non	•		<u>, </u>			
ers				11 Y	Y -0 N ; Motion passed.					
Persuasive	Res	ult (of Vote	x	[Negative is related a persuasive.] > 1/3	nd	Is a technical change recommended?	х	Υ	GO TO "Address by Technical Change Option" subsection
			one)		[Negative is related a persuasive.] < 2/3		(check one)		N	GO TO "Final" subsection → (E)
					2/3 ≤ [Negative is rela and not persuasive.] ·	< 90%	GO TO "Final" s	ubse	ectio	on → (C)
					90% ≤ [Negative is re and not persuasive.]	lated	GO TO "Not Sign	nific	ant F	Finding Option" subsection
		inal			ecommendations	t least	one full sentence	are	requ	uired in "FROM" and "TO"
Address by Technical Change Option	Technical Changes	1	TO: Se	ctior o Ta	tion/Paragraph Section Section 9.7 For reference and identify attribute Additionally, ther listed in the table	The name of Variable, S Variable of Equipment This is not message. 9.6 / Ta Dictio 20 The management This is not message. 9.6 / Ta Dictio 20 The management This is not message.	ble 3 constant. used in any ble 3 constant. used in any therefore this defendence, each of the variable which eneral acronyms as variable class variable to avo	he vo	6 ariak re d lical y". I	orelocated (see next technical cle classes have acronyms to described below in Table 6. cole to any variable class also Note that DVVALNAME is use sion because DVNAME was le.

		TO: Sec	tion/	F	or r		ion 9.7 e and convenience, each of the varia butes of the variable which are o		
				A lis fo	ddit stec or tl revi	tionally, I in the the name ously as	there are general acronyms applica able below as variable class "Any". e of a data variable to avoid confussociated with the ID of a data variable, Status Variable or Equipment Cons	ble to any variable class also Note that DVVALNAME is use usion because DVNAME was able. <u>VNAME is the name of a</u>	
		Justific See pict		ı (lf r	nece	essary)			
	Motic	n			Neg	ative is a	addressed by the technical change(s).		
	Motic	n by/2 nd by	1				bow / Cimetrix Incorporated is Maloney / Intel Corporation		
	Discu	ssion							
					9 Y -	0 N ; Mo	tion passed.		
		Result of V		2	X	2/3 ≤ [N change	legative is addressed by the technical (s).]	GO TO "Incorporation of the Technical Change" subsection	
							ve is not addressed by the technical (s).] < 2/3	GO TO "Final" subsection → (E)	
		Motion				•	ate the technical change(s).		
	Inco Tec	Motion by/	2 nd b	У	By: Brian Rubow / Cimetrix Incorporated Second: Albert Fuchigami / PEER Group Inc.				
	Incorporation of the Technical Change	Discussion	1						
	tion				11 Y -0 N ; Motion passed.				
	of tl lang		esult of Vote check one)		X	90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)	
	he e	(check				[Disagre	ee to incorporate.]>10%	GO TO "Final" subsection → (E)	
7							TC Chapter finds a Negative not persing on the action". (<i>Regulations</i> ¶ 9.6		
Vot Siç	Us	e of "Not		lt is ı signi			eed upon to term the Negative "not	GO TO "Final" subsection → (D)	
Not Significant Finding Option	findi	gnificant ng option" eck one)			mutually agreed upon to term the Negative nificant".			GO TO "Final" subsection → (C)	
ŧΕ	,	•		Whe	ther	or not th	ne Negative is "not significant" is decide	ed by a vote.	
ndir	ı	Motion	The I	Nega	ative	e is "not s	significant".		
ng Op		otion by/ 2 nd by	Nam	e (C	omp	oany)/Na	me (Company)		
tion		Vote		XX Y	XX Y -XX N ; Motion passed with simple majority		on passed with simple majority	GO TO "Final" subsection → (D)	
				XX Y	/-X >	(N ; Moti	on failed with simple majority	GO TO "Final" subsection → (C)	
					(,	A)	Withdrawn (counted under h in disp	position)	
Final		check if			(В)	Not related (counted under i in disp	•	
<u>a</u>	ар	plicable)				C)	Related and not persuasive (significa	•	
					(D)	Not significant (counted under j in d	isposition)	

		(-)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS
	Χ	(F)	Addressed by technical change (coun	ted under k disposition)
(check if applicable)		Comment genera	ted. See Section V-(ii) Comment # X.	

Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

1	Original	num	ber (#) of Negatives	(g)	
0	Number	of N	egatives withdrawn	(h)	
0	Number	of N	egatives found not related		(i)
0	Number	of N	egatives found not significant		(j)
1			egatives addressed by technic t significant)	cal change (Negative	(k)
		x	g - (h + i + j + k) = 0	Reject is Not Valid and denominator of § VI. A	l is not included in the pproval Conditions Check
	Final		g - (h + i +j + k) >0	Reject is included in the denominator of § VI. Approval Conditions Check	
			Reject without a Negative	Not Valid	

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)

Voting Interest Reject 2 (Voting Interest Name: ZAMA Consulting) Voter Reject 1 (Voter: Sakamoto, Mitsune / ZAMA Consulting)

Neg	ative 1						
	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot in 1.1.8 Proposal	f necessary.				
Negative		*Original complete Negative text (e.g., issue, justification copied.	ation, suggestion) should be				
ative	Negative Text	12.1 The following list of items from E5 are subject to they shall be removed from the specification in a fut NEGATIVE: Removing DVNAME exposes the costs of DVNAMEs appears on manuals for thousands of equal Standard does not officially support it, that DVNAME should be left as it is.	ure version. of updating equipment manuals. uipment already in use. If the				
TF	input (optional)	This is a misunderstanding. DVNAME is not deprecated deprecation. Consider effect to current equipment. Previous versions of standards can always be refere Ballots proposes to help new users, new readers to	enced.				
	Withdrawal (check one) Withdrawal (check one) X No Negative withdrawal made by Voter. GO TO "Related" subsection						

				Withdrawal document receiv MM/DD/YYYY.	ed by Standards staff on	GO TO "Final" subsection → (A)				
	Mc	otion and	×	'Related' is mutually agreed	upon. (Needs no motion	CO TO "Porcuacivo"				
	R	Reason		Negative is not related. (Nee	ds ≥2/3 votes to pass.)					
	(ch	eck one)		Reason XXX	X					
Rel		otion by/ 2 nd by	Nan	ne (Company)/Name (Comp	any)					
Related	Dis	scussion								
			XX '	Y-XX N; Motion passed/failed	l					
		ult of Vote		[Negative is not related.] < 2/	/3	GO TO "Persuasive" subsection				
	()	· · · · · · · · · · · · · · · · · · ·		2/3 ≤ [Negative is not related	l.]	GO TO "Final" subsection → (B)				
	Mc	otion and		Negative is related and pers	uasive. (Needs >1/3 vote	es to pass.)				
	R	Reason leck one)	X	Negative is related and not p	•					
	·	•			e was a misunderstand acation.	ding regarding the definition of				
ק		otion by/ 2 nd by		By: Brian Rubow / Cimetrix Incorporated Second: Mitsune Sakamoto / ZAMA Consulting						
Persuasive	Dis	scussion	Non	None						
iasi	l		6 Y-	3 N ; Motion passed.	 	•				
/e				[Negative is related and persuasive.] > 1/3	Is a technical change recommended?	Y GO TO "Address by Technical Change Option" subsection				
1	Resi	ult of Vote								
		ult of Vote leck one)		[Negative is related and not persuasive.] < 2/3		N GO TO "Final" subsection → (E)				
			х	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90%		→ (E)				
	(ch	eck one)	X	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related and not persuasive.]	(check one) GO TO "Final" subsect	→ (E)				
,	(ch	eck one)	X	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related	(check one) GO TO "Final" subsect	→ (E) tion → (C)				
Address	(ch	nical Chan	x ge Re	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related and not persuasive.] ecommendations	(check one) GO TO "Final" subsect GO TO "Not Significan	→ (E) tion → (C)				
SS	(ch Techi Origii fields	nical Chan nal section	x ge Re	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related and not persuasive.] ecommendations	(check one) GO TO "Final" subsect GO TO "Not Significan	→ (E) tion → (C) It Finding Option" subsection				
Address by Tech Optio	(ch Techi Origii fields	nical Channal sections. FROM:	x ge Re	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related and not persuasive.] ecommendations agraph number and at least ion/Paragraph	(check one) GO TO "Final" subsect GO TO "Not Significan	→ (E) tion → (C) It Finding Option" subsection				
Address by Technica Option	(ch Techi Origii fields	nical Channal sections. FROM:	x ge Re //para Section	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related and not persuasive.] ecommendations agraph number and at least ion/Paragraph n/Paragraph	(check one) GO TO "Final" subsect GO TO "Not Significan	→ (E) tion → (C) It Finding Option" subsection				
Address by Technical Change Option	(ch Techi Origii	nical Channal sections. FROM:	x ge Re //para Section	persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related and not persuasive.] ecommendations agraph number and at least ion/Paragraph	(check one) GO TO "Final" subsect GO TO "Not Significan	→ (E) tion → (C) It Finding Option" subsection				

		TO: Sec	tion/Pa	on/Paragraph								
		Justification (If necessary)										
		Justific	ation (ii	nece	essary)							
	Motio	n		Neg	Negative is addressed by the technical change(s).							
	Motio	n by/2 nd by	,	+		, , ,						
		ssion										
	Result of Vote (check one)				2/3 ≤ [Ne change(s	egative is addressed by the technical s).]	GO TO "Incorporation of the Technical Change" subsection					
					[Negative change(s	e is not addressed by the technical s).] < 2/3	GO TO "Final" subsection → (E)					
		Motion		To i	ncorpora	te the technical change(s).						
	ncor Tech	Motion by/										
	Incorporation of the Technical Change	Discussion	1									
	ation al Cr				1							
	of t	Result o			90% ≤ [Agree to incorporate.]		GO TO "Final" subsection → (F)					
	he Je	(check	one)		[Disagree to incorporate.]>10%		GO TO "Final" subsection → (E)					
						C Chapter finds a Negative not pers g on the action". (<i>Regulations</i> ¶ 9.6.	uasive by a vote equal to or					
z	great	er tilali 90 /	o or the	perso	JIIS VOUIII	g on the action . (Negulations 3.0.						
ot Siç	Use	e of "Not			mutually agreed upon to term the Negative "not ificant".		GO TO "Final" subsection → (D)					
Not Significant	sig findi	inificant ng option" eck one)			mutually agreed upon to term the Negative ificant".		GO TO "Final" subsection → (C)					
	(011	· · · · · · · · · · · · · · · · · · ·	Wh	ether	or not the	e Negative is "not significant" is decide	ided by a vote.					
ndir	N	l lotion	The Ne	gative	e is "not si	gnificant".						
Finding Option		otion by/ 2 nd by	Name (Comp	oany)/Nan	ne (Company)						
tion		Vote	XX	Y-X >	(N ; Motio	n passed with simple majority	GO TO "Final" subsection → (D)					
		Vote	XX	Y-X>	⟨ N ; Motio	on failed with simple majority	GO TO "Final" subsection → (C)					
				(.	A)	Withdrawn (counted under h in disp	osition)					
				(B)	Not related (counted under i in disp	,					
_		heck if	Х		C)	Related and not persuasive (signification	,					
Final	ap	plicable)		(D)	Not significant (counted under j in di	isposition)					
-				(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS					
				(F)	Addressed by technical change (cour	nted under k disposition)					
		heck if plicable)	Co	mme	nt generat	ted. See Section V-(ii) Comment # X.						

Disposition of Voting Interest Reject 2

Check only when the Document has not been failed.

1	Original	num	ber (#) of Negatives	(g)			
0	Number	of N	gatives withdrawn (h)				
0	Number	of N	egatives found not related		(i)		
0	Number	of N	egatives found not significant		(j)		
0			egatives addressed by technic t significant)	al change (Negative	(k)		
			g - (h + i + j + k) = 0	Reject is Not Valid and denominator of § VI. A	is not included in the pproval Conditions Check		
	Final		g - (h + i +j + k) >0	Reject is included in the Approval Conditions			
			Reject without a Negative	Not Valid			

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)

Voting Interest Reject 3 (Voting Interest Name: KOKUSAI ELECTRIC) Voter Reject 1 (Voter: Mitsuhiro Matsuda / KOKUSAI ELECTRIC)

9	alive i											
Neç	Referenced Section/ Paragraph		TC Chapter to fill in, ir 2 Proposal	ncluding text in the ballot if nec	essary.							
Negative	Negative Text	cop Tab	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. Table 1 Data Item Dictionary does not exist in E5-0219. Table 3 Data Item Dictionary exist in E5-0219.									
TFi	by Microsoft Word. The nat would confuse any											
	Withdrawal		No Negative withdrawa	GO TO "Related" subsection								
	(check one)		Withdrawal document r MM/DD/YYYY.	received by Standards staff on	GO TO "Final" subsection → (A)							
	Motion and	×	'Related' is mutually ag	reed upon. (Needs no motion.)	GO TO "Persuasive" subsection							
	Reason		Negative is not related.	(Needs ≥2/3 votes to pass.)								
Rel	(check one)		Reason	xxxx								
Related	Motion by/ 2 nd by	Nan	ne (Company)/Name (C	Company)								
	Discussion											
		XX	Y-XX N; Motion passed	/failed.								

	Res	ult	of Vote		[Negative is not relate	d.] < 2/	/3			GO TO "Persuasive" subsection		
	(cl	hecl	k one)	4	2/3 ≤ [Negative is not	related	.]			GO TO "Final" subsection → (B)		
		4.		ı	Negative is related an	d persı	uasive. (Needs >1/	/3 vote	es t	o pass.)		
	Motion and Reason (check one)			x	Negative is related an	egative is related and not persuasive. (Needs ≥2/3 votes to pass.)						
	`		,	B	Reason	Туро	pu	blication.				
l _	М	otic 2 nd	n by/			ian Rubow / Cimetrix Incorporated id: Frank Summers / Industrial Strength Graphics						
Persuasive	Di		ssion	0000	ria. I fank Caminers /	maast	nai Grongin Grapi	1100				
uas				11 Y-	-0 N ; Motion passed.							
ive	[Ne				[Negative is related ar persuasive.] > 1/3	egative is related and			Y	GO TO "Address by Technical Change Option" subsection		
			k one)		[Negative is related ar persuasive.] < 2/3		(check one)		N	GO TO "Final" subsection → (E)		
					2/3 ≤ [Negative is rela [.] and not persuasive.] <		GO TO "Final" s	ubsed	ctio	n → (C)		
				v	90% ≤ [Negative is rel and not persuasive.]		GO TO "Not Sign	nifica	nt F	inding Option" subsection		
	Origi field		section/	paraç	graph number and at	least	one full sentence	are re	equ	ired in "FROM" and "TO"		
			FROM:	Section	on/Paragraph XXX							
Addr		1	TO: Se	ction/	ation/Paragraph xxx Section/Paragraph XXX							
SS	echni		Justific	ation								
y Tech	Technical Changes		FROM:	Section								
nical (anges	2	TO: Se	ction/	Paragraph xxx							
by Technical Change Option			Justific	ation	(If necessary)							
Optio	Moti	on			Negative is addre	ssed b	y the technical cha	inge(s).			
9	Motion by/2 nd by				Name (Company)	Name (Company)/Name (Company)						
	Disc	uss	ion									
			sult of Veheck on		XX Y-XX N; Motion 2/3 ≤ [Negation change(s).]		sed/failed. ddressed by the te	chnica	al	GO TO "Incorporation of the Technical Change" subsection		

					[Negative	e is not addressed by the technical	GO TO "Final" subsection → (E)		
		Motion		То		te the technical change(s).	· (=)		
	Inco	Motion by/	2 nd k			any)/Name (Company)			
	Discussion								
	ratio cal (XX	Y-XX N· N	lotion passed/failed.			
	Incorporation of the Technical Change	Result of Vote				gree to incorporate.]	GO TO "Final" subsection → (F)		
	the Je	(check	one)		[Disagree	e to incorporate.]>10%	GO TO "Final" subsection → (E)		
z		suasive by a vote equal to or .1.4.5.2)							
lot Siç	Us	e of "Not	X	It is mu significa		ed upon to term the Negative "not	GO TO "Final" subsection → (D)		
Not Significant Finding Option	significant finding option" (check one)			It is mu "signific		ed upon to term the Negative	GO TO "Final" subsection → (C)		
ìt Fi	(33)	(0.110011 0.110)		Whethe	r or not the	e Negative is "not significant" is decide	ed by a vote.		
ndi	ı	Motion	The	Negativ	e is "not si	gnificant".			
ng Op		otion by/ 2 nd by	Nan	ne (Com	Company)/Name (Company)				
tion		Vote		XX Y -X	X N; Motio	n passed with simple majority	GO TO "Final" subsection → (D)		
		VOLE		XX Y-X	X N; Motio	n failed with simple majority	GO TO "Final" subsection → (C)		
					(A)	Withdrawn <mark>(counted under h in dis</mark> p	oosition)		
					(B)	Not related (counted under i in disp	osition)		
		check if			(C)	Related and not persuasive (significa	,		
Final	ap	plicable)	X		(D)	Not significant <mark>(counted under j in d</mark>	isposition)		
al					(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS		
					(F)	Addressed by technical change (cou	nted under k disposition)		
	•	check if plicable)		Comme	nt generat	red. See Section V-(ii) Comment # X			

Z	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot VNAME raw at Table 1 Data Item Dictionary	if necessary.
Negative	Nonativo logi	*Original complete Negative text (e.g., issue, justificopied. This raw does not have value at "Where Used" colu	,
		SECS-II messages. ¶9.6 defines this table future. "Where Used" is man be deleted and VNAME may define other place if ne	
TFi	nput (optional)	VNAME can be defined without using it in a message definitions proposed in the ballot.	ge. It is referenced by the
	Withdrawal (check one)	No Negative withdrawal made by Voter.	GO TO "Related" subsection

				X	Withdrawal document r 4/1/2021.	eceive	ed by Standards st	aff on		GO TO "Final" subsection → (A)		
		4.			'Related' is mutually ag	reed ι	upon. (Needs no n	notion	າ.)	GO TO "Persuasive" subsection		
	Motion and Reason				Negative is not related.	(Nee	ds ≥2/3 votes to p	ass.)				
	(check one)			Reason	XXXX	(
Related		otio 2 nd	n by/ by	Nan	ne (Company)/Name (C	ompa	any)					
ated	Dis	scu	ssion									
				XX '	XX Y -XX N ; Motion passed/failed.							
			of Vote		[Negative is not related		GO TO "Persuasive" subsection					
	(Silosik Gilo)				2/3 ≤ [Negative is not re		GO TO "Final" subsection → (B)					
	Mc	otio	n and		Negative is related and	persu	uasive. (Needs >1/	3 vote	es t	o pass.)		
	F	Motion and Reason (check one)			Negative is related and	es to pass.)						
	(choch cho)				Reason	Typo	will be corrected b	oefore	pu	blication.		
P	Motion by/ 2 nd by											
ersı	Discussion											
Persuasive					T		, ,					
/e	Res	ult a	of Vote		[Negative is related and persuasive.] > 1/3		ls a technical change recommended?		Y	GO TO "Address by Technical Change Option" subsection		
			one)		[Negative is related and persuasive.] < 2/3	d not	(check one)		N	GO TO "Final" subsection → (E)		
					2/3 ≤ [Negative is relate and not persuasive.] < 9	90% GO TO "Final" subsection \rightarrow (C)						
					90% ≤ [Negative is rela and not persuasive.]	GO TO "Not Significant Finding Option" subsection						
Α	Tech	nica	al Chang	je Re	ecommendations							
Address by	Origi fields		section/	/para	ngraph number and at l	least (one full sentence	are re	equ	ired in "FROM" and "TO"		
by To Or	Те		FROM:	Sect	ion/Paragraph XXX							
Technic Option	chnic	1	TO: Se	ctior	n/Paragraph xxx							
Technical Change Option	Technical Changes		Justific	atio	n (If necessary)							
ange	inges	2	FROM:	Sect	ion/Paragraph XXX							

	TO: Se	ction	/Pa	ragra	ıph xxx				
	Justific	catio	n (If	nece	essary)				
Motion				Negative is addressed by the technical change(s).					
Moti	on by/2 nd by	y		Nam	ne (Comp	pany)/Name (Company)			
Disc	Discussion								
	Result of Vote (check one)			XX	Y-XX N;	Motion passed/failed.			
						egative is addressed by the technical	GO TO "Incorporation of t Technical Change" subsection		
	Motion		[Negative is not addressed by the technical change(s).] < 2/3			GO TO "Final" subsection → (E)			
			To i	ncorpora	ate the technical change(s).				
Tec	Motion by/	2 nd b	у	Name (Company)/Name (Company)					
chnic	Discussion	n							
atio al C				XX	Y-XX N;	Motion passed/failed.			
Incorporation of the Technical Change	Result o		-			Agree to incorporate.]	GO TO "Final" subsection → (F)		
ne e	(check	one)			[Disagree to incorporate.]>10%		GO TO "Final" subsection → (E)		
		Х		(/	A)	Withdrawn (counted under h in dis	sposition)		
				(1	В)	Not related (counted under i in dis	position)		
	check if			(C)	Related and not persuasive (signific	ant)		
	oplicable)			(1	D)	Not significant (counted under j in	disposition)		
				(E)		Related and persuasive and not addressed by technical change	DOCUMENT FAILS		
				(F)	Addressed by technical change (co	unted under k disposition)		
,	(check if applicable)			mment generated. See Section V-(ii) Comment # X.					

	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary. 12.1
Negative		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.
tive	Negative Text	Deprecation of DVNAME is acceptable. However removing DVNAME need another consensus. ¶12.1 shall be "The following list of items from E5 are subject to deprecation. Items are listed to encourage implementers to discontinue use of deprecated items." This is same as proposal at 6552A and had consensus at NA GEM300 TF.
TF	input (optional)	No technical objection is included. During ballot review, some task force member requested further clarification. The actual text in the ballot is more clear. The following list of items from E5 are subject to deprecation. This means that they shall be removed from the specification in a future version. Items are listed to encourage implementers to discontinue use of deprecated items.

		.,	No Nogotivo with drowel		by Vatar			GO TO "Related"					
	Withdrawal	Х	No Negative withdrawal					subsection					
	(check one)		Withdrawal document re MM/DD/YYYY.	ceive	d by Standards sta	aff on	l	GO TO "Final" subsection → (A)					
	Motion and	×	'Related' is mutually agre	eed up	oon. (Needs no m	otio	n.)	GO TO "Persuasive" subsection					
	Reason		Negative is not related. (
	(check one)		Reason										
Rel	Motion by/ 2 nd by	Nan	ne (Company)/Name (Co	ompar	ıy)								
Related	Discussion												
		XX	Y-XX N; Motion passed/fa	ailed.									
	Result of Vote		[Negative is not related.]		GO TO "Persuasive" subsection								
	(check one)		2/3 ≤ [Negative is not rel	GO TO "Final" subsection → (B)									
	Motion and Reason (check one)	х	x Negative is related and persuasive. (Needs >1/3 votes to pass.)										
			Negative is related and r	not pe	rsuasive. (Needs	≥2/3	vote	es to pass.)					
	(check one)		Reason A Ratification Ballot shall be issued to validate technichanges.										
P	Motion by/ 2 nd by		Brian Rubow / Cimetrix Incond: James Moyne / Univ										
ers	Discussion												
Persuasive		9 Y-	-0 N ; Motion passed.										
ive	Result of Vote		[Negative is related and persuasive.] > 1/3		Is a technical change recommended?	х	Y	GO TO "Address by Technical Change Option" subsection					
	(check one)		[Negative is related and persuasive.] < 2/3	not	(check one)		N	GO TO "Final" subsection → (E)					
			2/3 ≤ [Negative is related not persuasive.] < 90%		GO TO "Final" subsect		ctio	n → (C)					
			90% ≤ [Negative is relate and not persuasive.]	ed	GO TO "Not Sign	nifica	ant F	inding Option" subsection					
Þ	Technical Chang	ge R	ecommendations										
Address by	Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.												

Motion	DVNAME Justification	<mmyy> (If necessar Negative</mmyy>	ry) e is addressed	However, the name of	sed historically to refer to a labeled a Data Variable is designated be from the "NAME" in DVNAM
		<u><mmyy></mmyy></u>	<u>e</u>	However, the name of to eliminate confusion	a Data Variable is designated b
	DVNAME			However, the name of to eliminate confusion	a Data Variable is designated b
	<u>DVNAME</u>				
	<u>ltem</u>	<u>Version</u> Listed	Version Deprecate	Explanation	
2	TO: Section/[Deleted]	/Paragraph S	Section 12 / P	roposal 1.1.8	
				to eliminate confusion introduced.	a Data Variable is designated be from the "NAME" in DVNAM
	DVNAME	<mmyy></mmyy>	<u>d</u>	DVNAME has been us	sed historically to refer to a
Š	<u>Item</u>	Version Listed	Version Deprecate	Explanation	
hange	FROM: Section	on/Paragrap	h Section 12	/ Proposal 1.1.8	
Technical Changes	Justification	`			
Tech			DVID.	<u>+</u>	
			20, name. 5() Recom	identifier. umend using	F24; S6F3, F8
	DVID (or DVNAME)	3(), Data <u>V</u>	<u>ariable</u> value	S1F21, F22,
	• To				
1	TO: Section/	/Paragraph <mark>1</mark>	Table 2, Data	Item Dictionary	
				recation.	
			DVID.	Mote that ME is subject	S6F3, F8
	DVID (or DVNAME)	20, name.	ariable value identifier.	S1F21, F22, F24;
	• From				

				10	Y-0 N; Mo	tion passed.					
		Result of V		X		egative is addressed by the technical	GO TO "Incorporation of the Technical Change" subsection				
		`	ŕ		[Negative change(s	e is not addressed by the technical s).] < 2/3	GO TO "Final" subsection → (E)				
		Motion		To incorporate the technical change(s).							
	Incol Tec	Motion by/2 nd by			By: Brian Rubow / Cimetrix Incorporated Second: Takayuki Nishimura / SCREEN Semiconductor Solution Co., Ltd.						
	porat hnica	Discussion									
	tion				Y-0 N; Mo	tion passed.					
	Incorporation of the Technical Change	Result o		X	90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)				
	J	(check	•		-	e to incorporate.]>10%	GO TO "Final" subsection → (E)				
No			6 of the p	perso	ons voting	Chapter finds a Negative not persugent the action". (Regulations ¶ 9.6.					
tSig	Us	e of "Not		muu nifica		ed upon to term the Negative hot	\rightarrow (D)				
Not Significant Finding Option	sig findi	gnificant ng option" neck one)		muti nifica		ed upon to term the Negative	GO TO "Final" subsection → (C)				
it Fi	()	,	Wh	ether	ether or not the Negative is "not significant" is decided by a vote.						
ndi	N	Motion	The Neg	gative	ative is "not significant".						
ng Op		otion by/ 2 nd by	Name (0	Comp	oany)/Nam	e (Company)					
tion		Vote	XX	Y-XX N; Motion passed with simple majority			GO TO "Final" subsection → (D)				
		VOLG	XX	XX Y -XX N ; Motion failed with simple majority			GO TO "Final" subsection → (C)				
					(A)	Withdrawn <mark>(counted under h in dis</mark> p	oosition)				
				((B)	Not related <mark>(counted under i in disp</mark>	osition)				
	(0	check if		((C)	Related and not persuasive (significa	nt)				
Final	ар	plicable)			(D)	Not significant <mark>(counted under j in d</mark>	isposition)				
<u>a</u>					(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS				
	,	ala a la lif	Х		(F)	Addressed by technical change (cou	nted under k disposition)				
	•	check if plicable)	Cor	nme	ment generated. See Section V-(ii) Comment # X.						

Disposition of Voting Interest Reject 3

Check only when the Document has not been failed.

3	Original number (#) of Negatives	(g)
1	Number of Negatives withdrawn	(h)
0	Number of Negatives found not related	(i)

1	Number	of N	egatives found not significant	(j)			
1			egatives addressed by technic ot significant)	(k)			
		X	g - (h + i + j + k) = 0	l is not included in the pproval Conditions Check			
Final			g - (h + i +j + k) >0	Reject is included in the denominator of § VI. Approval Conditions Check			
			Reject without a Negative	Not Valid			

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

V- (i) Voters' Comments
Commenter 1 (Mitsuhiro Matsuda (KOKUSAI ELECTRIC)) - Comment 1

n <u>me</u>	enter 1 (Mitsuhiro Matsuda (KOKUSAI ELECTRIC)) - Comment 1									
	*TF	/TC Chapter	to fill in section/paragraph #, if necessary.							
Ę	Ref	erenced Sect	ion/ Paragraph:							
Comment			n of E5 is E5-0220. It is better to revise E5-0220.							
무		cussion								
True. When ballot 6552 was created, E5-0220 was not yet published.										
	The	e TC Chapter	agreed to do one of the following actions.							
	*No		equired in this step.							
Þ		Already add	ressed by Commenter #, Comment #							
Action	Х	No further a	ction was taken by the TC Chapter.							
		Refer to the	TF for more consideration.							
		New Busine	SS							
		Editorial Cha	ange							
		Options	Case 1: No vote in this section:							
		for	To be included and voted on as a group in § VI. Editorial Changes Other							
		editorial change	than Those Voted on in § V. Case 2: Voted in this section:							
		(check	Original section number and at least one full sentence are required in							
		one)	"FROM" and "TO" fields.							
		FROM: Section/Paragraph xxx								
E	1	TO: Section/Paragraph xxx								
Editorial Cha		Justification (If necessary)								
Chan		FROM: Sec	ction/Paragraph xxx							
nges										
	2	TO: Section/Paragraph xxx								
		Justification (If necessary)								
M	otion	1	To approve above editorial change(s)							
М	otion	by/2 nd by	Name (Company)/Name (Company)							
D	iscus	ssion	XXXX							
_										

Vote	XX Y-XX N; Motion passed/failed.
10.0	700 F 700 M, Mederi passed Mailed.

This table is needed for each Comment accompanied a Vote

Commenter 1 (Mitsuhiro Matsuda (KOKUSAI ELECTRIC)) - Comment 2

Commen	*TF	*TF/TC Chapter to fill in section/paragraph #, if necessary.											
ment		Referenced Section/ Paragraph: 1.1.8 Proposal Table needs Table number.											
	The TC Chapter agreed to do one of the following actions.												
	*No motion is required in this step.												
A	Already addressed by Commenter #, Comment #												
ction	x No further action was taken by the TC Chapter.												
	Refer to the TF for more consideration.												
		New Business											
		Editorial Change											

V-(ii) Comments Created by Handling Negative None

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

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	=	61	/	62	=	98.4%	≥90%

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

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

	Globally Approved (No Ratification Ballot needed): Line Item 1 meets the Letter Ballot approval conditions for the global technical committee.
X	Need a Ratification Ballot: Line Item 1 meets the Letter Ballot approval conditions for the TC Chapter and Ratification Ballot will be issued to validate technical changes.

a

Checks for Entire Document Including All Approved Line Items

VIII. Safety Check

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

	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)										
Motion				ty Document , when all safety-related information is removed, the Document is not und and complete. ($Regulations \ \P \ 8.7.2$)								
		Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Documenthroughout the balloting process. (<i>Regulations</i> ¶ 15.1.2)										
ı	Moti	ion	by/2 nd by	By: Brian Rubow / Cimetrix Incorporated Second: Albert Fuchigami / PEER Group Inc.								
	Discussion Vote			None								
				13 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 <u>applies to the entire Standard or Safety Guideline</u> including all the approved Line Items*. See *Regulations* § 16 for further information.

Х	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)									
	x	The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)	GO TO SECTION	O TO SECTION X.						
		The question is answered in affirmative	Is any of the known IPs a patented		Yes, at least one of them is a patented technology	GO TO IX (a) "Patented Technology" subsection				
			technology?		No	GO TO IX (b) "Copyright items" subsection				

IX(a) Patented Technologies subsection

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

number might be relevant to number of the issuance of this Letter Ballot scheduled TC Chapter of the issuance of this Letter Ballot scheduled TC Chapter of the issuance of this Letter Ballot scheduled TC Chapter of the issuance of this Letter Ballot scheduled TC Chapter of the issuance of this Letter Ballot scheduled TC Chapter of the issuance of this Letter Ballot scheduled TC Chapter of the issuance of this Letter Ballot scheduled TC Chapter of the issuance of the issuanc		(I) Known Patented Technology that	# E:II	technologies first became known to		
	Fill	Technology that			the TC Chapter on or after the day	
of the issuance of this Letter ballot scheduled to chapte	number	er might be relevant to				

	e Standard/Safety uideline	# 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 techno (Brief description, e.g., pate	Date of Assessment (If different from the date of Letter Ballot adjudication) MM/DD/YYYY						
Is disclosed patented	YES (It is a PMPT)			se of this echnically		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3)
technology #1 found to be "might be material" to the Standard/Safety Guideline?			justified ¹	?		NO	The Document is failed and returned to the TF
		NO	No furth	er 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									
		YES PROCEED to check NEXT one, or if this is the last one, GO TO IX(b)							
Has an LOA for this patented technology		NO	MC		Ask ISC for spe	ecial permission to publish.			
been received from every owner?			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				
		Vot	e		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	(o) Known copyrighted items that are used or reproduced to the	o > 0 There is at least one known copy righted items that might be relevant to the Standard/Safety Guideline	GO TO IX (b2)		
	Standard/Safety Guideline	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 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
		NO	No further action is needed for copyrighted item #1			

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

Stined							
Copyright release Status of copyrighted item #1							
Has the copyright release been received from its owner ?.		YES		ne, or IX(c)			
		NO	MOTION		Ask ISC for special permission to publish.		
					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)	
			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 copyrighted item of which use/reproduction assessed to be justified.

IX(c) Assessment of disclosed (identified) trademark

A CO TROUBLE OF GIOCIES	9 9- 1-	0.01101110				
			le event instance of		YES	GO TO IX(d)
Is there any trademark in the Standard/Safety Guideline?		YES	Is every instance of trademark use technically justified?			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 Regulations ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold.
	NO	GO TO X

X. Action for This Document

<u>a</u>	Line item(s) [X], [X] and [X] passed TC Chapter review as balloted and will be forwarded to A&R SC for procedural review.									
M (Ch			tem(s) [X], [X] and [X] passed TC Chapter review with editorial changes and will be forwarded ISC A&R SC for procedural review.							
Motion (Check all licable items)	X	chang	ine item(s) [1] passed TC Chapter review with technical changes and with or without editorial nanges and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes.							
S)		Line	tem(s) [X], [X] and [X] failed TC Chapter review and will be returned to the TF for rework.							
		Line	item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.							
Motion by/ 2nd by By: Brian Rubow / Cimetrix Incorporated Second: Albert Fuchigami / PEER Group Inc.										
Discu	ssio	1	None							
Vo	te		12 Y-0 N							
Ein al	E: 14 /		x Motion passed							
Final Action		n	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.