Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: North America

Global Technical Committee: Information and Control

TC Chapter Cochairs: Brian Rubow (Cimetrix) Jack Ghiselli (Ghiselli Consulting), James Moyne

(Applied Materials, University of Michigan)

Standards Staff: Inna Skvortsova

	Scheduled in Background Statement	Actual
Date	07/10/2019	07/10/2019
Location	Moscone, San Francisco CA	Moscone, San Francisco 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	Document Title
6348B	Revision to SEMI E30-0418
	SPECIFICATION FOR THE GENERIC MODEL FOR
	COMMUNICATIONS
	AND CONTROL OF MANUFACTURING EQUIPMENT
	(GEM)

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	86	÷	143	=	60.1%	≥60%
Intercommittee Ballot	34					
Voting Interest Reject(s)	5		Total Vo	ters	with Rejects	6
Voting Interest Accept(s)	25					

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

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: AFF_SCREEN) Voter Reject 1 (Voter: Nishimura, Takayuki, Screen)

Motion and Reason (check one) Motion by/ 2 nd by Discussion Name (Company)/Name (Company)	Neg	ative i								
Negative Text			•	ill in, including text in the ballot if ned	cessary.					
TF input (optional) Withdrawal (check one) Withdrawal (check one) Withdrawal (check one) Withdrawal (obeck one) Withdrawal (check one) Withdrawal document received by Standards staff on MM/DD/YYYY. X 'Related' is mutually agreed upon. (Needs no motion.) Negative is not related. (Needs ≥2/3 votes to pass.) Reason XXXX Motion by/ 2nd by Discussion XXXX Name (Company)/Name (Company) Discussion XX Y-XX N; Motion passed/failed. [Negative is not related.] < 2/3 [Negative is not related.] < 3 [Negative is related and persuasive. (Needs ≥1/3 votes to pass.) X Negative is related and not persuasive. (Needs ≥2/3 votes to pass.) X Negative is related and not persuasive. (Needs ≥2/3 votes to pass.) The word 'might' is 'used to express possibilities described in an English language dictionary. The word accurately describes how a collection event the possibility of being significant to a host. For this is a host can disable collection event notification message S2, F37. Motion by/ Motion by/ Chair Maloney (INTEL V Price Pubow (Cimpatrix))	Nec	Paragraph	5.1.3							
Withdrawal (check one) Withdrawal (check one) Withdrawal document received by Standards staff on MM/DD/YYYY. X 'Related' is mutually agreed upon. (Needs no motion.) Negative is not related. (Needs ≥2/3 votes to pass.) Reason (check one) Withdrawal document received by Standards staff on MM/DD/YYYY. X 'Related' is mutually agreed upon. (Needs no motion.) Negative is not related. (Needs ≥2/3 votes to pass.) Reason XXXX Motion by/ 2nd by Discussion XXXX Name (Company)/Name (Company) XX Y-XX N; Motion passed/failed. [Negative is not related.] < 2/3 [Negative is not related.] < 30 TO "Persuasive" subsection GO TO "Final" subsection GO TO "Final" subsection YX Y-XX N; Motion passed/failed. Negative is related and persuasive. (Needs >1/3 votes to pass.) Negative is related and not persuasive. (Needs >1/3 votes to pass.) X Negative is related and not persuasive. (Needs ≥2/3 votes to pass.) The word "might" is "used to express possibility described in an English language dictionary. The word accurately describes how a collection event the possibility of being significant to a host. For this is a host can disable collection event notification message S2,F37.	yative	Negative Text	copied.		n, suggestion) should be					
Withdrawal (check one) Withdrawal document received by Standards staff on GO TO "Final" subsection GO TO "Persuasive" subsection Reason Negative is not related. (Needs ≥2/3 votes to pass.)	TFi	nput (optional)								
Withdrawal document received by Standards staff on MM/DD/YYYY.	,	Withdrawal	X No Negative wit	hdrawal made by Voter.						
Motion and Reason (check one) Reason Result of Vote (check one)				ument received by Standards staff on	GO TO "Final" subsection → (A)					
Reason (check one) Reason Reason Reason Reason Reason Reason		Motion and	X 'Related' is mutu	ually agreed upon. (Needs no motion.)						
Motion by/ 2nd by Name (Company)/Name (Company)			Negative is not	related. (Needs ≥2/3 votes to pass.)						
Discussion XX Y-XX N; Motion passed/failed. Result of Vote (check one) [Negative is not related.] < 2/3 GO TO "Persuasive" subsection 2/3 ≤ [Negative is not related.] GO TO "Final" subsection GO TO "Final" subsection GO TO "Final" subsection Y (B) Negative is related and persuasive. (Needs >1/3 votes to pass.) X Negative is related and not persuasive. (Needs ≥2/3 votes to pass.) The word "might" is "used to express possibility described in an English language dictionary. The word accurately describes how a collection event the possibility of being significant to a host. For this is a host can disable collection event notification message S2,F37. Chris Maloney (INITE) / Brigo Pulpow (Circottix) Price Pulpo		(check one)	Reason	xxxx						
Result of Vote (check one) Result of Vote (check one)	Rel		Name (Company)/Na							
Result of Vote (check one)	ated	Discussion								
Result of Vote (check one) Inegative is not related.] Subsection			XX Y-XX N; Motion	passed/failed.						
Persuasive Motion and Reason (check one) Reason Reason (Check one) Reason Reason (Check one) Reason Reason (Check one) Reason Reason (Check one) Reason Reason (Check one) Reason Reason (Check one) (Check one) Reason (Check one) (Check one)			[Negative is not	related.] < 2/3						
Motion and Reason (check one) Reason Reason (check one) Reason Reason (check one) Reason Reason (check one) Reason Reason (check one) Reason • The word "might" is "used to express possibility described in an English language dictionary. • The word accurately describes how a collection event the possibility of being significant to a host. For this is a host can disable collection event notification message S2,F37. Motion by/ Chris Malanay (INTEL) / Brian Pubow (Cimetrix)		(cneck one)	2/3 ≤ [Negative	is not related.]	GO TO "Final" subsection → (B)					
Reason (check one) Reason Reason (check one) Reason Reason Reason Reason (check one) Reason Reason Reason A the word "might" is "used to express possibility described in an English language dictionary. The word accurately describes how a collection event the possibility of being significant to a host. For this is a host can disable collection event notification message S2,F37. Motion by/ Chris Malanov (INTEL) / Brian Pubow (Cimetrix)			Negative is relat	ted and persuasive. (Needs >1/3 votes	to pass.)					
(check one) Reason Reason described in an English language dictionary. The word accurately describes how a collection event the possibility of being significant to a host. For this is a host can disable collection event notification message S2,F37. Motion by/ Chris Malanay (INTEL) / Brian Pubow (Cimetrix)		Motion and	X Negative is relat	ted and not persuasive. (Needs ≥2/3 vo	tes to pass.)					
	Persuasive		Reason	 described in an English lang The word accurately descrithe possibility of being signification a host can disable collection. 	guage dictionary. bes how a collection event has ficant to a host. For this reason,					
Discussion Voter's explanation: Because this text in not definition o the event, definition ca be improved in the future to		Discussion		not definition o the event, definition ca b	e improved in the future ballot					
20 Y-0 N; Motion passed.			20 Y -0 N ; Motion pa	ssed.						

						e is related and ve.] > 1/3	Is a technical change		Y	GO TO "Address by Technical Change Option"				
				рск	Juasi	ve.j > 1/3	recommended?			subsection				
			of Vote k one)			e is related and not ve.] < 2/3	(check one)		N	GO TO "Final" subsection → (E)				
						[Negative is related CO TO "Final" subsection \rightarrow (C)								
						Nogative is related								
			1.01	and	not persuasive.]									
						ndations umber and at least (one full sentence	are r	equ	ired in "FROM" and "TO"				
	Original section/paragraph number and at least one full sentence are required in "FROM" and fields. FROM: Section/Paragraph XXX													
			FROIVI:	Section	Para	grapn AAA								
		1	TO: Se	ction/Pa	agra	nph xxx								
	Technical Changes		Justific	ation (If	nece	essary)								
	nical		FROM:	Section/	Para	graph XXX								
	Cha													
Address by Technical Change	nges	2	TO: Se	ction/Pa	agraph xxx									
SS			Justific	ation (If	If necessary)									
у Т			oustino	ation (ii	11000	ossary)								
echr	Motic	on			Neg	Negative is addressed by the technical change(s).								
ical	Motic	on k	y/2 nd by	1	Name (Company)/Name (Company)									
Cha	Disc	uss	ion											
nge					XX '	Y-XX N; Motion pass	ed/failed.							
Option			sult of V			2/3 ≤ [Negative is ad change(s).]	ddressed by the te	chnic	al	GO TO "Incorporation of the Technical Change"				
ň		(C	heck on	e)		[Negative is not add	ressed by the tech	nical		subsection GO TO "Final" subsection				
		I	4			change(s).] < 2/3	•			→ (E)				
	_ In		otion	and I	To incorporate the technical change(s).									
	corp ech		tion by/		Name (Company)/Name (Company)									
	ora nica	Di	scussioi											
	tion				XX '	Y-XX N; Motion pass	ed/failed.							
	Incorporation of the Technical Change		Result o			90% ≤ [Agree to inco	orporate.]			GO TO "Final" subsection → (F)				
	ie e		(CHECK	one)		[Disagree to incorpo	rate.]>10%			GO TO "Final" subsection → (E)				
Not Significan	This great	opt ter t	ion can han 90%	be used of the p	only	"if the TC Chapter ons voting on the ac	finds a Negative ction". (<i>Regulatio</i>	not p ns¶	ersı 9.6.	uasive by a vote equal to or 1.4.5.2)				
ot ficar						ually agreed upon to	term the Negative	"not		GO TO "Final" subsection				
 	^ significant".													

	Use of "Not significant finding option"		It is mutually agreed upon to term the Negative "significant". GO TO "Final" su → (C)						
	(check one)		Whether or not	t the Negative is "not significant" is deci	ded by a vote.				
	Motion	The	Negative is "no	t significant".					
	Motion by/ 2 nd by	Nan	ne (Company)/N	Name (Company)					
	Vote		XX Y-XX N; Mo	otion passed with simple majority	GO TO "Final" subsection → (D)				
	vote		XX Y-XX N; Mo	otion failed with simple majority	GO TO "Final" subsection → (C)				
			(A)	Withdrawn (counted under h in di	disposition)				
			(B)	Not related (counted under i in dis	disposition)				
	(check if		(C)	Related and not persuasive (signific	cant)				
Final	applicable)	X	(D)	Not significant (counted under j in	disposition)				
a			(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)		Comment gene	mment 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	Original number (#) of Negatives (g)								
0	Number	umber of Negatives withdrawn (h)								
0	Number	of N	egatives found not related		(i)					
1	Number	of N	egatives found not significant		(j)					
0			egatives addressed by technic t significant)	al change (Negative	(k)					
		is not included in the pproval Conditions Check								
	Final		g - (h + i +j + k) >0	Reject is included in the Approval Conditions Conditions Conditions						
			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)

Voting Interest Reject 2 (Voting Interest Name: AFF_Hitachi Ltd) Voter Reject 1 (Voter: Yuko Toyoshima, Hitachi Ltd)

	Referenced Section/	*TF/	TC Chapter to fill in, in	cludi	ng text in the bal	lot if	nec	essary.	
_	Paragraph	5.2							
Negative		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.							
ve	Negative Text	5.2 \ - -	/ariable Definitions Variable(s) are not only class is defined The definition of the	d in 9.	4 of E5.	' be a	lescr	ibed exactly in E30.	
TF i	nput (optional)							,	
	Withdrawal	Х	No Negative withdrawa		GO TO "Related" subsection				
((check one)		Withdrawal document rom/DD/YYYY.	eceive	ed by Standards st	taff o	n	GO TO "Final" subsection → (A)	
	Motion and	X	'Related' is mutually ag	reed ι	ipon. (Needs no r	notio	n.)	GO TO "Persuasive" subsection	
	Reason		Negative is not related.	(Need	ds ≥2/3 votes to p	oass.	.)		
	(check one)		Reason	xxxx					
Related	Motion by/ 2 nd by	Nam	e (Company)/Name (Co	ompar	ny)				
ated	Discussion								
		XX Y	'-XX N ; Motion passed/	failed.					
	Result of Vote (check one)		[Negative is not related.	.] < 2/3	3			GO TO "Persuasive" subsection	
	(6.100.1.01)		2/3 ≤ [Negative is not re	elated.]			GO TO "Final" subsection → (B)	
		X	Negative is related and	persu	asive. (Needs >1/	/3 vo	tes t	o pass.)	
	Motion and Reason (check one)		Negative is related and	not pe	ersuasive. (Needs	≥2/3	vot	es to pass.)	
	(chicon chic)		Reason						
Persuasive	Motion by/ 2 nd by	Chris	s Maloney (INTEL) / Bria	an Rul	bow (Cimetrix)				
uas	Discussion	_	Propose change #1 in	a rati	ification ballot				
ive		18 Y	-0 N; Motion passed.						
	Result of Vote (check one)		[Negative is related and persuasive.] > 1/3	I	Is a technical change recommended?	X	Y	GO TO "Address by Technical Change Option" subsection	
	(232231 2337)		[Negative is related and persuasive.] < 2/3		(check one)		N	GO TO "Final" subsection → (E)	
			2/3 ≤ [Negative is relate and not persuasive.] < 9		GO TO "Final" s	ubse	ectio	n → (C)	

1	1	la sa	(Newsylla Complete I							
			[Negative is related persuasive.] GO TO "Not Significant Finding Optomorphisms of the significant finding optomorphisms optomorphisms of the significant finding optomorphisms of the significant findin	ion" subsection						
		nical Change Recor		ON! and "TO"						
	fields		number and at least one full sentence are required in "FR							
		FROM: Section/	FROM: Section/Paragraph Section 5							
Address by Technical Change Optio	Technical Changes	model and . A cause the eq	for full definitions. riable (DVVAL) — a variable where the value is only valid upon occurrence of one or ated collection events. variable (SV) — a variable where the value is always valid. ent constant (ECV) — a variable where the value is always set by the host or operator. e Data (V) — A data item containing a status variable (SV), data variable (DVVAL), to constant (ECV) value. e Data ID (VID) — A unique identifier of a variable data item. The set of VIDs is the VIDs, ECIDs, and IDs for DVVALs. ragraph Section 5 r — a human or humans who represent the factory and enforce the factory operation. A user is considered to be responsible for many setup and configuration activities are equipment to best conform to factory operations practices. iable Data (V) — A data item containing a status variable (SV), data variable (DVVAL), it constant (ECV) value. iable Data ID (VID) — A unique identifier of a variable data item. The set of VIDs is all SVIDs, ECIDs, and IDs for DVVALs. necessary) ontroversial definitions controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; habetically and renumbered. is not necessary since, as one voter points out, the classes are defined in SEMI E5.							
ion			ed in E5, section 9.7. Usage of DVVAL is consistent with E5.							
	Motic	<u> </u> on	gative is addressed by the technical change(s).							
		on by/2 nd by	ris Maloney (INTEL) / Brian Rubow (Cimterix)							
			Matsuda Mtisuhiro asked to follow ballot review template for correct verbiage of the							
	טואכנ	ıssion	tion. Motion repeated per this request.	<u> </u>						
			Y-1 N; Motion passed	corporation of the						
		Result of Vote (check one)	change(s).]	Change" า						
			[Negative is not addressed by the technical change(s).] < 2/3 GO TO "File Change (s).] < (E) GO TO "File Change (s).] < (E)	nal" subsection						
		Motion	incorporate the technical change(s).							
	ncoı	Motion by/2 nd by	ris Maloney (INTEL) / Brian Rubow (Cimterix)							
	Incorporatio n of the	Discussion								
	atio e		Y-1 N; Motion passed							
1			1 11, MOHOH PASSEU							

		Result o	f Vote	X	,	90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)	
		(check				[Disagree to incorporate.]>10%		GO TO "Final" subsection → (E)	
ON							C Chapter finds a Negative not persug on the action". (<i>Regulations</i> ¶ 9.6.		
t Sigr	Us	e of "Not		lt is m signific			ed upon to term the Negative "not	GO TO "Final" subsection → (D)	
Not Significant Option	siç findi	gnificant ng option" leck one)		lt is m 'signif			ed upon to term the Negative	GO TO "Final" subsection → (C)	
Finding	`	,	\	Wheth	Whether or not the Negative is "not significant" is decided by a vote.				
din	ı	Motion	The N	Negative is "not significant".					
9	I Motion by/					any)/Nam	ne (Company)		
		Vote		XX Y-	XX	N; Motio	n passed with simple majority	GO TO "Final" subsection → (D)	
		vote		XX Y-XX N; Motion failed with simple majority		n failed with simple majority	GO TO "Final" subsection → (C)		
					(/	4)	Withdrawn (counted under h in dispe	osition)	
				(B)		3)	Not related (counted under i in disposition)		
	(check if				((C)	Related and not persuasive (significan	ant)	
Final		plicable)			([)	Not significant (counted under j in die	sposition)	
a						Ξ)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS	
			X		(F	F)	Addressed by technical change (coun	ted under k disposition)	
	(chock if					nt generated. See Section V-(ii) Comment #			

This table is needed for each Negative.

Neg	ative 2				
	Referenced Section/	*TF/	TC Chapter to fill in, including text in the ballot if nec	essary.	
	Paragraph				
Negative		*Ori	ginal complete Negative text (e.g., issue, justification ied.	, suggestion) should be	
ive	Negative Text	5.4 5.5	data variable (DVVAL) status variable (SV) equipment constant (ECV) above are not definitions. - They describe only characteristic (such as the behav	rior).	
TF	input (optional)				
	Withdrawal (check one)		No Negative withdrawal made by Voter.	GO TO "Related" subsection	
			Withdrawal document received by Standards staff on MM/DD/YYYY.	GO TO "Final" subsection → (A)	
Rel ec	Motion and Reason (check one)		'Related' is mutually agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection	
l- at			Negative is not related. (Needs ≥2/3 votes to pass.)		

			R	Reason	xxxx	1		
		tion by/	Name	(Company)/Name (Company)	Company)			
	Dis	cussion						
			XX Y-	XX N; Motion passed	l/failed.			
		Ilt of Vote	۱]	Negative is not related	GO TO "Persuasive" subsection			
	Ì	,	2/	/3 ≤ [Negative is not re	elated.]	GO TO "Final" subsection → (B)		
	Mo	tion and	X N	legative is related and	d persuasive. (Needs >1/3 vote	es to pass.)		
	R	eason eck one)	N	legative is related and	d not persuasive. (Needs ≥2/3	votes to pass.)		
			R	leason				
P		tion by/ 2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimetrix)					
Persuasive	Dis	cussion	 Propose change #1 in a ratification ballot 18 Y-0 N; Motion passed. 					
sive		ult of Vote eck one)	X [N p)	Negative is related and ersuasive.] > 1/3 Negative is related and ersuasive.] < 2/3 /3 ≤ [Negative is related and not persuasive.] < 0% ≤ [Negative is related and not persuasive.]	change recommended? (check one) ed 90% GO TO "Final" subsection	Y GO TO "Address by Technical Change Option" subsection N GO TO "Final" subsection → (E) ction → (C) nt Finding Option" subsection		
Address by Technical Change Option	Origir fields Technica	FROM: - 5.1 mod caus - 5.2 - See - 5.3 mor - 5.4 - 5.5 - 5.6 or e - 5.7	Section 24 us del and se the e Varial e SEMI data v e assoc status equip Varial quipme Varial	commendations raph number and at raph numan or hum . A user is considered equipment to best con ble Definitions E5 for full definitions. variable (DVVAL) — a ciated collection event s variable (SV) — a va raph number and constant (ECV) ble Data (V) — A data ent constant (ECV) val	nans who represent the factory of to be responsible for many sentence of the value is or a variable where the value is or ats. ariable where the value is alwa ariable where the value is alwa ariable where the value is alwa ariable where the value is a item containing a status variable. A unique identifier of a variable	nly valid upon occurrence of one or		

TO: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.1.25 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
- 5.1.26 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

Justification (If necessary)

- Delete the controversial definitions
- Move non-controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; inserted alphabetically and renumbered.
- The section is not necessary since, as one voter points out, the classes are defined in SEMI E5.
- DVVAL is defined in E5, section 9.7. Usage of DVVAL is consistent with E5.

Motic					pative is addressed by the technical change(s).					
Motic	on by/2 nd by	/		Chris Maloney (INTEL) / Brian Rubow (Cimterix)						
Disc	ussion									
				18 Y	Y-1 N; Motion passed					
	Result of Vote (check one) Motion Motion by/2 nd by				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)				
_					ncorporate the technical change(s).					
nco Tec					is Maloney (INTEL) / Brian Rubow (Cimterix)					
rpora	Motion by/2 nd b Discussion Discussion Result of Vote (check one)									
ation				16 Y	Y-1 N; Motion passed					
n of ti	Motion by/2 nd by Discussion Change Result of Vote (check one)		i.e	X	90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)				
he e	(check	one)		[Disagree to incorporate.]>10%	GO TO "Final" subsection → (E)				
					r "if the TC Chapter finds a Negative not persons voting on the action". (<i>Regulations</i> ¶ 9.6					
Us	se of "Not		It is sign	mut ifica	ually agreed upon to term the Negative "not nt".	GO TO "Final" subsection → (D)				
si	significant finding option"					GO TO "Final" subsection				
	neck one)			mut nifica	ually agreed upon to term the Negative ant".	→ (C)				
			"sig	nifica		→ (C)				
(ch		The	"sigi Whe	nifica ethe	ant".	→ (C)				
(ch	neck one)		"sig Whe Neg	nifica ether ative	ant". r or not the Negative is "not significant" is decide	→ (C)				
(ch	Motion otion by/		"sign Whe Neg	nifica ether ative	ant". r or not the Negative is "not significant" is decide e is "not significant".	→ (C)				

			(A)	Withdrawn (counted under h in disp	position)			
			(B)	(B) Not related (counted under i in disposition)				
	(check if		(C)	Related and not persuasive (significa	ant)			
Final	applicable)		(D)	Not significant (counted under j in disposition)				
a			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS			
		X	(F)	Addressed by technical change (cou	nted under k disposition)			

neg	ative 3									
	Referenced Section/ Paragraph	*TF/	TC Chapter to fill in, includ	ding text in the ballot if nec	essary.					
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. 5.3 data variable (DVVAL) 5.4 status variable (SV)								
		<i>5.5</i>	equipment constant (ECV) - DVVAL, SV, and ECV a object in E30.	are class in E5, but express cl	ass, variable data, and variable					
TFi	nput (optional)									
	Withdrawal	X	No Negative withdrawal ma	ade by Voter.	GO TO "Related" subsection					
	(check one)		Withdrawal document receimMM/DD/YYYY.	ived by Standards staff on	GO TO "Final" subsection → (A)					
	Motion and	X	'Related' is mutually agreed	d upon. (Needs no motion.)	GO TO "Persuasive" subsection					
	Reason		Negative is not related. (Ne	eds ≥2/3 votes to pass.)						
	(check one)		Reason XXX	ΧX						
Rela	Motion by/ 2 nd by	Name (Company)/Name (Company)								
Related	Discussion									
		XX '	Y-XX N; Motion passed/faile	ed.						
	Result of Vote (check one)		[Negative is not related.] < 2	2/3	GO TO "Persuasive" subsection					
	(61100110)		2/3 ≤ [Negative is not relate	ed.]	GO TO "Final" subsection → (B)					
	Matianand	X	Negative is related and pers	suasive. (Needs >1/3 votes t	o pass.)					
Persuasive	Motion and Reason (check one)		Negative is related and not	persuasive. (Needs ≥2/3 vot	es to pass.)					
asive			Reason							
	Motion by/ 2 nd by	Chri	s Maloney (INTEL) / Brian R	Rubow (Cimetrix)						

Technical Changes

GO TO "Address by Technical Change Option" subsection		
tion		
GO TO "Not Significant Finding Option" subsection		

Technical Change Recommendations

Original section/paragraph number and at least one full sentence are required in "FROM" and "TO"

FROM: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.2 Variable Definitions
- See SEMI E5 for full definitions.
- 5.3 data variable (DVVAL) a variable where the value is only valid upon occurrence of one or more associated collection events.
- status variable (SV) a variable where the value is always valid.
- 5.5 equipment constant (ECV) — a variable where the value is always set by the host or operator.
- Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL). or equipment constant (ECV) value.
- Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

TO: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.1.25 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL). or equipment constant (ECV) value.
- 5.1.26 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

Justification (If necessary)

- Delete the controversial definitions
- Move non-controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; inserted alphabetically and renumbered.
- The section is not necessary since, as one voter points out, the classes are defined in SEMI E5.
- DVVAL is defined in E5, section 9.7. Usage of DVVAL is consistent with E5.

Motion	Negative is addressed by the technical change(s).
Motion by/2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimterix)
Discussion	none
Result of Vote	18 Y-1 N; Motion passed

		(check on	e)		Х	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 incorporate the technical change(s).						
	Inco Teo	Motion by/	2 nd b	у	Chri	s Malone	y (INTEL) / Brian Rubow (Cimterix)				
	orpor chnic	Discussion	1								
	atio al C				16 Y	′-1 N ; Mo	tion passed				
	Incorporation of the Technical Change	Result o			Х		gree to incorporate.]	GO TO "Final" subsection → (F)			
	he e	(check	one)			[Disagree	e to incorporate.]>10%	GO TO "Final" subsection → (E)			
No							C Chapter finds a Negative not pers g on the action". (<i>Regulations</i> ¶ 9.6.				
t Sigi					mutu ificai		ed upon to term the Negative "not	GO TO "Final" subsection → (D)			
Not Significant Finding Option	sig findi	gnificant ng option" leck one)		"sig	nifica	ant".	ed upon to term the Negative	GO TO "Final" subsection → (C)			
Fin				Whe	ether	or not the	e Negative is "not significant" is decide	d by a vote.			
din	ľ	Motion	The	Neg	gative is "not significant".						
g		otion by/ 2 nd by	Nam	ne (C	Company)/Name (Company)						
		Vote		XX '	Y-XX	(N; Motio	n passed with simple majority	GO TO "Final" subsection → (D)			
		Vote		XX	Y-XX	(N; Motio	GO TO "Final" subsection → (C)				
					(/	A)	Withdrawn <mark>(counted under h in disp</mark>	osition)			
					(1	В)	Not related (counted under i in dispe	osition)			
	(0	check if		(C) Related and not persuasive (signi		Related and not persuasive (significar	nt)				
Final		plicable)			(1	D)	Not significant (counted under j in di	sposition)			
a						E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS			
			X		(F)	Addressed by technical change (cour	nted under k disposition)			
		check if plicable)		Con	mment generated. See Section V-(ii) Comment #						

Disposition of Voting Interest Reject 2

Check only when the Document has not been failed.

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

0	Number	imber of Negatives found not significant (j)									
3		Number of Negatives addressed by technical change (Negative pecomes not significant) (k)									
		X	$\mathbf{g} - (\mathbf{h} + \mathbf{i} + \mathbf{j} + \mathbf{k}) = 0$		ect is Not Valid and is not included in the nominator of § VI. <i>Approval Conditions Check</i>						
I	Final		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)

Voting Interest Reject 3 (Voting Interest Name: AFF_Yokogawa) Voter Reject 1 (Voter: Takashi Nakagawa, Yokogawa)

1109	ative i								
N	Referenced Section/ Paragraph	*TF/	TC Chapter to fil	l in, i	ncluding text in the ballot if nec	essary.			
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. DVNAME should not be removed. I understand that it causes inconsistency and confusable							
	J	poin	t in the existing st	andaı	rd. But we have too many docume need huge effort and time to char	ents and computer screens			
TFi	nput (optional)	-	Removing an ai inconsistency. It a screens be chang DVNAME remains The author of the	mbigu also d ed. s defii ballo	ever was defined in E30. Louis reference to DVNAME now the second require or imply that any second in E5. Louis that the second representation of the second re	one's documents or computer oing references to DVNAME in			
	Withdrawal	X	No Negative with	drawa	al made by Voter.	GO TO "Related" subsection			
((check one)		Withdrawal docur MM/DD/YYYY.	ment	received by Standards staff on	GO TO "Final" subsection → (A)			
	Motion and	X	'Related' is mutua	ally aç	greed upon. (Needs no motion.)	GO TO "Persuasive" subsection			
	Reason		Negative is not re	elated	. (Needs ≥2/3 votes to pass.)				
Rel	(check one)		Reason		xxxx				
Related	Motion by/ 2 nd by	Nam	ne (Company)/Nar	ne (C	company)				
	Discussion								
XX Y-XX N; Motion passed/failed.									

	Res	ult	of Vote		[Negative is not related	.] < 2/	3			GO TO "Persuasive" subsection			
	(ch	ecl	c one)		2/3 ≤ [Negative is not related.]					GO TO "Final" subsection → (B)			
					Negative is related and	egative is related and persuasive. (Needs >1/3 votes to pass.)							
	N4 -	4:-		Х	Negative is related and	not p	ersuasive. (Needs	≥2/3	vot	es to pass.)			
P	(ch	Rea	n and son cone)		Reason	D si ir – D	VNAME would recreens to change. nplied.	quire No su er def	any uch o	moving a single reference to yone's documents or computer change requirement is stated or d in E30. The only definition of 55.			
Persuasive			n by/ by	Chri	s Maloney (INTEL) / Alb	ert Fu	ıchigami (PEER G	roup)					
Siv	Dis	scu	ssion	none	9								
Ф				18 Y	'-0 N; Motion passed								
	Result of Vote				[Negative is related and persuasive.] > 1/3	d	Is a technical change recommended?		Y	GO TO "Address by Technical Change Option" subsection			
			cone)		[Negative is related and persuasive.] < 2/3		(check one)		N	GO TO "Final" subsection → (E)			
					2/3 ≤ [Negative is relate and not persuasive.] < 9		GO TO "Final" s	ubse	ctio	n → (C)			
				X		0% ≤ [Negative is related GO TO not persuasive.]			"Not Significant Finding Option" subsection				
		nal			ecommendations agraph number and at l	least	one full sentence	are r	equ	ired in "FROM" and "TO"			
			FROM:	Sect	ion/Paragraph XXX								
Ad			TO: So	ction	/Paragraph xxx								
dre	_	1	10.00	CtiOi	in aragraph XXX								
ss by	echni		Justific	atio	n (If necessary)								
Techr	Technical Changes		FROM:	Sect	ction/Paragraph XXX								
Address by Technical Change Option	anges	2	TO: Se	ction/Paragraph xxx									
hang	-		Justific	cation (If necessary)									
je Opt					<u> </u>								
	Motic				Negative is address	sed by	y the technical cha	inge(s	s).				
	Motic	n k	y/2 nd by	′	Name (Company)/I	Name	(Company)						
	Discu	ıss	ion										
	Result of Vote XX Y-XX N; Motion passed/failed.												

		(check on	e)			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 incorporate the technical change(s).							
	Inco	Motion by/	2 nd k	у	Name (Company)/Name (Company)							
	Incorporation of the Technical Change	Discussion	1									
	ation al C				XX Y	′-XX N ; №	otion passed/failed.					
	n of th hang	Result o				90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)				
	ne e	(check	(check one)			[Disagree	e to incorporate.]>10%	GO TO "Final" subsection → (E)				
No							C Chapter finds a Negative not pers g on the action". (<i>Regulations</i> ¶ 9.6.					
t Sig	lle	Use of "Not			mutu ificar		ed upon to term the Negative "not	GO TO "Final" subsection → (D)				
Not Significant Finding Option	significant finding option" (check one)				mutu nifica		ed upon to term the Negative	GO TO "Final" subsection → (C)				
Fin	•	,		Whe	ether	or not the	e Negative is "not significant" is decide	ed by a vote.				
din	ı	Motion	The	Nega	gative is "not significant".							
g		otion by/ 2 nd by	Nam	ne (C	Company)/Name (Company)							
		Vote		XX Y	Y -XX	N; Motio	n passed with simple majority	GO TO "Final" subsection → (D)				
		VOLE		XX Y	Y-XX	N; Motio	n failed with simple majority	GO TO "Final" subsection → (C)				
					(<i>I</i>	A)	Withdrawn <mark>(counted under h in dis</mark> p	oosition)				
					(E	3)	Not related (counted under i in disp	osition)				
	(0	check if			(C) Related and not persuasive (sign			nt)				
Final		plicable)	Χ		([D)	Not significant <mark>(counted under j in d</mark>	isposition)				
<u>a</u>						≣)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS				
					(F	=)	Addressed by technical change (cour	nted under k disposition)				
		check if plicable)		Com	mment generated. See Section V-(ii) Comment # X.							

This table is needed for each Negative.

Disposition of Voting Interest Reject 3

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)
1	Number of Negatives found not significant	(j)

0		Number of Negatives addressed by technical change (Negative becomes not significant) (k)								
		X	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						

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)

Voting Interest Reject 4 (Voting Interest Name: AFF_PEER) Voter Reject 1 (Voter: Eberhard Teichmann, PEER Group)

Negative 1 TF/TC Chapter to fill in, including text in the ballot if necessary. Referenced Section/ **Paragraph** Original complete Negative text (e.g., issue, justification, suggestion) should be This ballot deletes DVNAME from SEMI E30: Negative The second statement in section "What is the history of this issue and ballot" is not correct: 2. The controversial acronym DVNAME, which currently is defined in E5 as the ID of a data variable, is not used in E30 due to the confusion it causes readers. Hopefully **Negative Text** in E5 this can be changed in the future. DVNAME is used in SEMI E30 0717 on page 22: 7.3.1.3.2.4 Variable Data ID (VID) — A unique identifier of a variable data item. The set of VID's is the union of all SVID's, ECID's, and ID's for DVVAL's (DVNAME's). See SEMI E5 for a full definition of this data item. Same as Reject 3 negative 1. **TF input (optional)** GO TO "Related" No Negative withdrawal made by Voter. subsection Withdrawal (check one) Withdrawal document received by Standards staff on GO TO "Final" subsection MM/DD/YYYY. → (A) GO TO "Persuasive" Χ 'Related' is mutually agreed upon. (Needs no motion.) subsection Motion and Negative is not related. (Needs ≥2/3 votes to pass.) Reason (check one) Related Reason Motion by/ Name (Company)/Name (Company) 2nd by Discussion

				XX Y	Y-XX N; Motion passed	/failed					
			of Vote k one)		[Negative is not related	GO TO "Persuasive" subsection					
					2/3 ≤ [Negative is not re	≤ [Negative is not related.]				GO TO "Final" subsection → (B)	
					Negative is related and	l persu	uasive. (Needs >1/	3 vote	s t	o pass.)	
	Mo	otio	n and	X	Negative is related and	egative is related and not persuasive. (Needs ≥2/3 votes to pass.)					
			son k one)		Reason	D so in – D	Voter falsely claim that removing a single reference to DVNAME would require anyone's documents or computer screens to change. No such change requirement is stated or implied. DVNAME was never defined in E30. The only definition of DVNAME remains in SEMI E5				
Persuasive		otic 2 nd	n by/ bv		ne (Company)/Name (C s Maloney (INTEL) / Alb			roup)			
uasi			ssion								
Ve				18 Y	'-0 N ; Motion passed						
	pe				[Negative is related and persuasive.] > 1/3	d	Is a technical change recommended?		Y	GO TO "Address by Technical Change Option" subsection	
	Result of Vote (check one)				[Negative is related and persuasive.] < 2/3		(check one)		N	GO TO "Final" subsection → (E)	
					2/3 ≤ [Negative is relate and not persuasive.] <		GO TO "Final" s	ubsec	tio	n → (C)	
				V	90% ≤ [Negative is rela and not persuasive.]	6 ≤ [Negative is related GO TO "Not Significant Finding Option" subsection					
		nal			ecommendations graph number and at	least (one full sentence	are re	qu	ired in "FROM" and "TO"	
	neia	<u>s.</u>	FROM:	Secti	ion/Paragraph XXX						
Ad			TO: Se	ction	/Paragraph xxx						
dres	_	1									
s by	echn		Justific	atio	n (If necessary)						
Tech	Technical Changes		FROM:	Secti	Section/Paragraph XXX						
nica	hanç		TO: Se	ction	/Paragraph vvv						
l Cha	Jes	2	10.00	ction/Paragraph xxx							
To: Section/Paragraph xxx Justification (If necessary) FROM: Section/Paragraph XXX To: Section/Paragraph xxx To: Section/Paragraph xxx Justification (If necessary) Motion Negative is addressed by the technical change(s).											
ptio	Motion Negative is addressed by the technical change(s).										
_			py/2 nd by	/	Name (Company)/			<u> </u>			
	Disc		-								
		Re	sult of V	ote	XX Y-XX N; Motion	n pass	ed/failed.				

		(check on	e)			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 incorporate the technical change(s).					
	Inco	Motion by/	2 nd k	ру	Nam	e (Comp	any)/Name (Company)		
	Incorporation of the Technical Change	Discussion	1						
	ation al C				XX Y	/-XX N ; №	otion passed/failed.		
	n of tl hang	Result o				90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)	
	,	(check					e to incorporate.]>10%	GO TO "Final" subsection → (E)	
ON			n be used only "if the TC Chapter finds a Negative not persuasive by a vote equ % of the persons voting on the action". (<i>Regulations</i> ¶ 9.6.1.4.5.2)						
t Sig	lle	e of "Not	Х		It is mutually agreed upon to term the Negative "not significant".			GO TO "Final" subsection → (D)	
Not Significant Finding Option	significant finding option" (check one)				is mutually agreed upon to term the Negative significant".			GO TO "Final" subsection → (C)	
Fin	`	,		Whe	ether	or not the	e Negative is "not significant" is decide	d by a vote.	
din	ı	Motion	The	Nega	Negative is "not significant".				
g		otion by/ 2 nd by	Nan	ne (C	omp	any)/Nam	ne (Company)		
		Vote		XX Y	Y-XX	N; Motio	n passed with simple majority	GO TO "Final" subsection → (D)	
		Vote		XX	Y-XX	N; Motio	n failed with simple majority	GO TO "Final" subsection → (C)	
					(/	A)	Withdrawn <mark>(counted under h in disp</mark>	osition)	
					(E	3)	Not related (counted under i in disp	osition)	
	(0	check if			((C)	Related and not persuasive (significan	nt)	
Final		plicable)	Χ		1))	Not significant <mark>(counted under j in d</mark> i	isposition)	
a						≣)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS	
					(I	-)	Addressed by technical change (cour	nted under k disposition)	
		check if plicable)		Com	nmer	nt generat			

This table is needed for each Negative.

Negati	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.
ıtive	• .	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.

		110	age of DIVIAL in this ha	1104.							
		- US	age of DVVAL in this ba	illot:							
			The usage of DVVAL is not clear. SEMI E5 defines it as 'data value' and it is used as 'data value' and as 'variable' in E30 (see e.g. E30 0717 - page 41).								
		The	The new section 5.3 in the ballot on page 7 describes DVVAL as data variable – see:								
			5.3 data variable (DVVAL) — a variable where the value is only valid upon occurrence of one or more associated collection events.								
			These modifications of the ballot are not helping to make SEMI E30 better understandable. For that reason I reject the ballot #6348B.								
TFi	nput (optional)		Proposal to remove the DVVAL is defined in E5					cation ballot, change #1. consistent with E5.			
	Withdrawal	Х	No Negative withdrawa	l mad	e by Voter.			GO TO "Related" subsection			
	(check one)		Withdrawal document received by Standards staff on MM/DD/YYYY.					GO TO "Final" subsection → (A)			
	Motion and	Х	'Related' is mutually ag	reed ι	ıpon. <mark>(Needs no n</mark>	notio	n.)	GO TO "Persuasive" subsection			
	Reason		Negative is not related.)							
	(check one)		Reason	XXXX	(
Related	Motion by/ 2 nd by	Name (Company)/Name (Company)									
ated	Discussion										
		XX Y	Y-XX N; Motion passed	failed							
	Result of Vote (check one)		[Negative is not related.] < 2/3					GO TO "Persuasive" subsection			
	(onesit shey		2/3 ≤ [Negative is not related.]					GO TO "Final" subsection → (B)			
		X	Negative is related and	persu	uasive. (Needs >1/	3 vot	es t	o pass.)			
	Motion and Reason (check one)		Negative is related and	not p	ersuasive. (Needs	≥2/3	vot	es to pass.)			
	(eneck ener)		Reason								
Motion by/ 2 nd by Chris Maloney (INTEL) / Brian Rubow (Cimetrix)											
Persuasive	Discussion	- Propose change #1 in a ratification ballot									
sive		18 Y	-0 N; Motion passed.								
	Result of Vote (check one)	X	[Negative is related and persuasive.] > 1/3	k	Is a technical change recommended?	Х	Y	GO TO "Address by Technical Change Option" subsection			
	(clieck olie)		[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.] <		GO TO "Final" s	ubse	ctio	n → (C)			

	•						
			% ≤ [Negative is related do not persuasive.] GO TO "Not Significant Finding Option" subsection				
		nical Change Reco	mmendations				
	Origi fields		ph number and at least one full sentence are required in "FROM" and "TO"				
			Paragraph Section 5				
Address by Technical Change Opti	Technical Changes	- 5.1.24 use model and cause the ed cause the ed - 5.2 Variabl See SEMI E - 5.3 data variance associon - 5.4 status variable or equipmen - 5.6 Variable or equipmen - 5.7 Variable union of all See Model and that cause to - 5.1.25 Variable or equipmen - 5.1.25 Variable or equipmen - 5.1.25 Variable or equipmen - 5.1.26 Variable or equip	The a human or humans who represent the factory and enforce the factory operation A user is considered to be responsible for many setup and configuration activities that pulpment to best conform to factory operations practices. The provided in the provi				
ption		 The section 	is not necessary since, as one voter points out, the classes are defined in SEMI E5. efined in E5, section 9.7. Usage of DVVAL is consistent with E5.				
	Motic	on	Negative is addressed by the technical change(s).				
	Motic	on by/2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimterix)				
	Disc	ussion	none				
			18 Y-1 N; Motion passed				
		Result of Vote (check one)	X 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)				
	ı	Motion	To incorporate the technical change(s).				
	n c	Motion by/2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimterix)				
	Incorporatio n of the	Discussion	none				
	tio		16 Y-1 N; Motion passed				

		Result o	f Vote	X		90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)	
		(check	one)			[Disagree to incorporate.]>10%		GO TO "Final" subsection → (E)	
No							C Chapter finds a Negative not persug on the action". (<i>Regulations</i> ¶ 9.6.		
t Sigr	Us	e of "Not		t is m			ed upon to term the Negative "not	GO TO "Final" subsection → (D)	
Not Significant Option	significant finding option" (check one)			t is m ʻsignifi			ed upon to term the Negative	GO TO "Final" subsection → (C)	
Finding	•	,	\	Whether or not the Negative is "not significant" is decided by a vote.					
din	ı	Motion	The N	Negati	egative is "not significant".				
9		otion by/ 2 nd by	Name	e (Cor	mp	any)/Name (Company)			
		Vote			(X Y-XX N; Motion passed with simple majority		n passed with simple majority	GO TO "Final" subsection → (D)	
		vote		XX Y-XX N; Motion failed with simple majority		n failed with simple majority	GO TO "Final" subsection → (C)		
					(/	4)	Withdrawn (counted under h in dispe	sposition)	
				(B) Not related (counted under i in di		Not related (counted under i in dispo	sposition)		
	(0	check if			((C)	Related and not persuasive (significan	ant)	
Final		plicable)			([O)	Not significant (counted under j in die	sposition)	
a						Ξ)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS	
			X		(F)	Addressed by technical change (coun	ted under k disposition)	
		check if plicable)	(Comn	ner	nt generat	erated. See Section V-(ii) Comment #		

Voting Interest Reject 4 (Voting Interest Name: AFF_PEER) Voter Reject 2 (Voter: Christian Hoffman PEER Group)

	Referenced Section/	*TF/TC Chapter to fill in, including text in the ballot if no	ecessary.				
_	Paragraph						
Negative		*Original complete Negative text (e.g., issue, justification copied.	on, suggestion) should be				
ive	Negative Text	The LI in the Ballot does not resolve the inconsistency in current usage of wording', acronyms and Terms. The values, names and IDs should be formed consistently (SVID, SVV(AL), SVNAME; DVID, DVV(AL), DVNAME; ECID, ECV(AL), ECNAM; CEID, CENAME) or they should not get changed at al.					
TFi	nput (optional)	 Same as other votes. Proposal to address in a Ratifica 	tion ballot, change #1.				
	Withdrawal	X No Negative withdrawal made by Voter.	GO TO "Related" subsection				
	(check one)	Withdrawal document received by Standards staff on MM/DD/YYYY.	GO TO "Final" subsection → (A)				

		X 'Related' is mutually ag	reed upon. (Needs no m	notion.) GO TO "Persuasive" subsection						
	Motion and Reason	Negative is not related.	(Needs ≥2/3 votes to p							
	(check one)	Reason	XXXX							
Rela	Motion by/ 2 nd by	Name (Company)/Name (Co	ompany)							
Related	Discussion									
		XX Y-XX N; Motion passed	failed.							
	Result of Vote (check one)	[Negative is not related	.] < 2/3	GO TO "Persuasive" subsection						
	(check one)	2/3 ≤ [Negative is not re	elated.]	GO TO "Final" subsection → (B)						
		X Negative is related and	Negative is related and persuasive. (Needs >1/3 votes to pass.)							
	Motion and Reason (check one)	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)								
	,	Reason								
P	Motion by/ 2 nd by	Chris Maloney (INTEL) / Brid	an Rubow (Cimetrix)							
Persuasive	Discussion	 Propose change #1 in 	a ratification ballot							
ıasi		18 Y-0 N; Motion passed.								
ive	Result of Vote	X [Negative is related and persuasive.] > 1/3	change recommended?	Y GO TO "Address by Technical Change Option" subsection						
	(check one)	[Negative is related and persuasive.] < 2/3		N GO TO "Final" subsection → (E)						
		2/3 ≤ [Negative is related and not persuasive.] <	90% GO TO "Final" St	ubsection → (C)						
		90% ≤ [Negative is related and not persuasive.]								
Add ress		ge Recommendations paragraph number and at	least one full sentence	are required in "FROM" and "TO"						

FROM: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.2 Variable Definitions
- See SEMI E5 for full definitions.
- 5.3 data variable (DVVAL) a variable where the value is only valid upon occurrence of one or more associated collection events.
- 5.4 status variable (SV) a variable where the value is always valid.
- 5.5 equipment constant (ECV) a variable where the value is always set by the host or operator.
- 5.6 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
- 5.7 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

TO: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.1.25 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
- 5.1.26 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

Justification (If necessary)

- Delete the controversial definitions
- Move non-controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; inserted alphabetically and renumbered.
- The section is not necessary since, as one voter points out, the classes are defined in SEMI E5.
- DVVAL is defined in E5, section 9.7. Usage of DVVAL is consistent with E5.

Motio	on	Ne	gative is addressed by the technical change(s).				
Motion by/2 nd by Chris Maloney (INTEL) / Brian Rubow (Cimterix)							
Disc	ussion	nor					
		18	Y-1 N; Motion passed				
	Result of Vote (check one)		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)			
	Motion	To incorporate the technical change(s).					
nco Tec	Motion by/2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimterix)					
ncorporation Technical Ch	Discussion	none					
atio al C	atio al C		16 Y-1 N; Motion passed				
on of the Change	Result of Vote	X	90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)			
he 	(check one)		[Disagree to incorporate.]>10%	GO TO "Final" subsection → (E)			

Technical Changes

Not				e TC Chapter finds a Negative not per oting on the action". (<i>Regulations</i> ¶ 9.	
	Use of "Not		It is mutually ag significant".	greed upon to term the Negative "not	GO TO "Final" subsection → (D)
Significant Option	significant finding option" (check one)		It is mutually aq "significant".	greed upon to term the Negative	GO TO "Final" subsection → (C)
: Finding	· ·		Whether or not	t the Negative is "not significant" is decid	ded by a vote.
ding	Motion	The	Negative is "no	t significant".	
9	Motion by/ 2 nd by	Nan	ne (Company)/N		
	Vote		XX Y-XX N; Mo	otion passed with simple majority	GO TO "Final" subsection → (D)
	vote		XX Y-XX N; Mo	otion failed with simple majority	GO TO "Final" subsection → (C)
			(A)	Withdrawn (counted under h in dis	sposition)
			(B)	Not related (counted under i in dis	position)
	(check if		(C)	Related and not persuasive (signific	ant)
Final	applicable)		(D)	Not significant (counted under j in	disposition)
al			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS
		Χ	(F)	Addressed by technical change (co	unted under k disposition)
	(check if applicable)		Comment gene	erated. See Section V-(ii) Comment #	

Disposition of Voting Interest Reject 4

Check only when the Document has not been failed.

3	Original	numl	ber (#) of Negatives		(g)				
0	Number	of N	egatives withdrawn		(h)				
0	Number	of N	egatives found not related		(i)				
1	Number	Number of Negatives found not significant (j)							
2			egatives addressed by technic t significant)	al change (Negative	(k)				
		X	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 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)

Voting Interest Reject 5 (Voting Interest Name: AFF_KKR) Voter Reject 1 (Voter: Matsuda Mitsuhiro, KOKUSAI ELECRIC CORPORATION)

	Referenced Section/ Paragraph	*TF/	TC Chapter to fill in, in	cluding text in the ballot if nec	essary.			
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. E30 shall follow E5 definition to harmonize SEMI Standards as a set. See E5 ¶9.7, class definition is as following. • Class — The data type classification (SV, ECV, or DVVAL) of the item. Status values (SVs) always contain valid information, while data values (DVVALs) may only be valid upon the occurrence of a particular event. All equipment constants (ECVs) are settable by the Host. So SV shall be defined as "status value", DVVAL shall be defined "data value" and ECV shall be defined "equipment constant". However this ballot introduce new word " variable" to confuse current Standard user.						
TFi	input (optional)		variable" is used many,	classification "status value" make many times in E5, including the o ses to removed the referenced se	lefinition of SVID. ection (technical change #1).			
	Withdrawal	X	No Negative withdrawa	I made by Voter.	GO TO "Related" subsection			
	(check one)		Withdrawal document r MM/DD/YYYY.	eceived by Standards staff on	GO TO "Final" subsection → (A)			
	Motion and	X	'Related' is mutually ag	reed upon. (Needs no motion.)	GO TO "Persuasive" subsection			
	Reason		Negative is not related.	(Needs ≥2/3 votes to pass.)				
	(check one)		Reason	xxxx				
Rel	Motion by/ 2 nd by	Nan	ne (Company)/Name (Co	ompany)				
Related	Discussion							
		XX '	Y-XX N; Motion passed/	failed.				
	Result of Vote (check one)		[Negative is not related	.] < 2/3	GO TO "Persuasive" subsection			
	(chicon chic)		2/3 ≤ [Negative is not re	elated.]	GO TO "Final" subsection → (B)			
Per	Motion and	X	Negative is related and	persuasive. (Needs >1/3 votes t	to pass.)			
Persuasive	Reason (check one)		Negative is related and	not persuasive. (Needs ≥2/3 vot	es to pass.)			
ive	(Check one)		Reason					

Technical Changes

Motion 2 nd b	-	Chri	Chris Maloney (INTEL) / Brian Rubow (Cimetrix)									
Discus	sion	-	Propose change #1 in a ratification ballot									
		16 Y	'-0 N; Motion passed.									
Result of	f Vote	X	persuasive.] > 1/3	Is a technical change recommended?	Х	Υ	GO TO "Address by Technical Change Option" subsection					
	check one)		[Negative is related and not persuasive.] < 2/3	(check one)		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								

Technical Change Recommendations

Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.

FROM: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.2 Variable Definitions
- See SEMI E5 for full definitions.
- 5.3 data variable (DVVAL) a variable where the value is only valid upon occurrence of one or more associated collection events.
- 5.4 status variable (SV) a variable where the value is always valid.
- 5.5 equipment constant (ECV) a variable where the value is always set by the host or operator.
- 5.6 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
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TO: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.1.25 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
- 5.1.26 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

Justification (If necessary)

- Delete the controversial definitions
- Move non-controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; inserted alphabetically and renumbered.
- The section is not necessary since, as one voter points out, the classes are defined in SEMI E5.
- DVVAL is defined in E5, section 9.7. Usage of DVVAL is consistent with E5.

Motion	Negative is addressed by the technical change(s).
Motion by/2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimterix)
Discussion	none

					18 Y	/-1 N : Mot	tion passed	1
	Result of Vote (check one)				Х		egative is addressed by the technical	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	ncorporat	te the technical change(s).	
	Inco	Motion by/	2 nd k	ру	Chri	s Maloney	y (INTEL) / Brian Rubow (Cimterix)	
	Incorporation of the Technical Change	Discussion	cussion			е		
	tior				16 Y	/-1 N ; Mot	ion passed	
	of th	Result o			X	90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)
	าe e	(check	one)			[Disagree	e to incorporate.]>10%	GO TO "Final" subsection → (E)
No							C Chapter finds a Negative not pers g on the action". (<i>Regulations</i> ¶ 9.6	
t Sigr	Us	e of "Not		It is mutually agreed upon to term the Negative "not significant".				GO TO "Final" subsection → (D)
Not Significant Finding Option	findi	gnificant ng option" eck one)			muti nifica		ed upon to term the Negative	GO TO "Final" subsection → (C)
Fin	•	•		Whe	Whether or not the Negative is "not significant" is deci			ed by a vote.
din	ľ	Motion	The	Neg	egative is "not significant".			
9		otion by/ 2 nd by	Nam	me (Company)/Name (Company)				
		Vote		XX '	X Y-XX N; Motion passed with simple majority			GO TO "Final" subsection → (D)
		VOIC		XX '	Y-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)
	(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
			Χ		(F)	Addressed by technical change (coul	nted under k disposition)
	(check if applicable)				Comment generated. See Section V-(ii) Comment #			

Ne	Referenced Section/	*TF/TC Chapter to fill in, including text in the ballot if necessary.
Negati	Paragraph	5.1 Variable Definitions
Ve	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.

			Ballot says "See SEMI E5 for full definitions." However I can't find any definition except ¶9.7, class definition.								
		7 100	, " '								
TFi	nput (optional)	 Correct. Needs to be fixed in E5. Addressed with ratification ballot(technical change #1). 									
	Withdrawal	Х	No Negative withdrawa	l mad	e by Voter.			GO TO "Related" subsection			
	(check one)		Withdrawal document ro	eceive	ed by Standards st	aff o	n	GO TO "Final" subsection → (A)			
	•• ••	X	'Related' is mutually ag	reed u	ipon. (Needs no n	notio	n.)	GO TO "Persuasive" subsection			
	Motion and Reason		Negative is not related.	(Nee	ds ≥2/3 votes to p	ass.)				
	(check one)		Reason	XXXX							
Rel	Motion by/ 2 nd by	Nan	ne (Company)/Name (Co	ompar	ny)						
Related	Discussion										
		XX	Y-XX N; Motion passed/	failed							
	Result of Vote (check one)		[Negative is not related.	.] < 2/:	3			GO TO "Persuasive" subsection			
			2/3 ≤ [Negative is not re		GO TO "Final" subsection → (B)						
		Х	X Negative is related and persuasive. (Needs >1/3 votes to pass.)								
	Motion and Reason (check one)		Negative is related and	not pe	persuasive. (Needs ≥2/3 votes to pass.)						
	(onesit one)		Reason								
P	Motion by/ 2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimetrix)									
ersı	Discussion	_	Propose change #1 in	a rat	ification ballot						
Persuasive		16 Y	7-0 N ; Motion passed.				1				
ve	Result of Vote	X	[Negative is related and persuasive.] > 1/3		Is a technical change recommended?	X	Y	GO TO "Address by Technical Change Option" subsection			
	(check one)		[Negative is related and persuasive.] < 2/3	l not	(check one)		N	GO TO "Final" subsection → (E)			
			2/3 ≤ [Negative is related and not persuasive.] < 90% GO TO "Final" subsection					n → (C)			
			90% ≤ [Negative is related and not persuasive.] GO TO "Not Significant Finding"					Finding Option" subsection			
Add ress		echnical Change Recommendations riginal section/paragraph number and at least one full sentence are required in "FROM" and "TO"									

FROM: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.2 Variable Definitions
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TO: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
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- 5.1.26 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

Justification (If necessary)

- Delete the controversial definitions
- Move non-controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; inserted alphabetically and renumbered.
- The section is not necessary since, as one voter points out, the classes are defined in SEMI E5.
- DVVAL is defined in E5, section 9.7. Usage of DVVAL is consistent with E5.

Motic	on	Negative is addressed by the technical change(s).					
Motion by/2 nd by Chris Maloney (INTEL) / Brian Rubow (Cimterix)							
Disc	ussion	non	е				
		18 `	Y-1 N; Motion passed				
	Result of Vote (check one)		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)			
	Motion	To incorporate the technical change(s).					
nco Tec	Motion by/2 nd by	Chris Maloney (INTEL) / Brian Rubow (Cimterix)					
rpora hnic	Motion by/2 nd by Discussion Chical Ch		none				
ation al C			Y-1 N; Motion passed				
lar of	Result of Vote	X	90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)			
the ige	(check one)		[Disagree to incorporate.]>10%	GO TO "Final" subsection → (E)			

Technical Changes

Not		be used only "if the TC Chapter finds a Negative not persuasive by a vote equal to or 6 of the persons voting on the action". (<i>Regulations</i> ¶ 9.6.1.4.5.2)								
ot Sigr	Use of "Not		It is mutually aq significant".	greed upon to term the Negative "not	GO TO "Final" subsection → (D)					
Significant Option	significant finding option" (check one)		It is mutually aq "significant".	greed upon to term the Negative	GO TO "Final" subsection → (C)					
Finding			Whether or not	the Negative is "not significant" is decid	ded by a vote.					
ding	Motion	The	The Negative is "not significant".							
g	Motion by/ 2 nd by	Nan	ne (Company)/N	Name (Company)						
	Vote		XX Y-XX N; Mo	otion passed with simple majority	GO TO "Final" subsection → (D)					
	vote		XX Y-XX N; Mo	otion failed with simple majority	GO TO "Final" subsection → (C)					
			(A)	Withdrawn (counted under h in dis	sposition)					
			(B)	Not related (counted under i in dis	position)					
	(check if		(C)	Related and not persuasive (signific	ant)					
Final	applicable)		(D)	Not significant (counted under j in	disposition)					
a			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS					
		Χ	(F)	Addressed by technical change (co	unted under k disposition)					
	(check if applicable)		Comment gene	erated. See Section V-(ii) Comment #						

	Referenced Section/	*TF/	TC Chapter to fill in, in	ncluding text in the ballot if nec	essary.				
z	Paragraph	5.3	data variable (DVVAL),	5.4 status variable (SV), 5.5 equip	oment constant (ECV)				
Negative			ginal complete Negativied.	ve text (e.g., issue, justification	, suggestion) should be				
'e	Negative Text		5.3 data variable (DVVAL), 5.4 status variable (SV), 5.5 equipment constant (ECV) They are not definition. They are characteristic of data variable.						
TFi	nput (optional)			ale, SV, DVVAL, ECV are not defi n ballot (technical change #1).	ined anywhere, not even in E5.				
	Withdrawal	X	No Negative withdrawa	Il made by Voter.	GO TO "Related" subsection				
	(check one)		Withdrawal document r MM/DD/YYYY.	eceived by Standards staff on	GO TO "Final" subsection → (A)				
R	Motion and	X	X 'Related' is mutually agreed upon. (Needs no mot		GO TO "Persuasive" subsection				
Related	Reason		Negative is not related.	(Needs ≥2/3 votes to pass.)					
ed	(check one)		Reason	xxxx					

		otion by/ 2 nd by	Name (Company)/Name (Company)								
	Dis	scussion									
			XX Y-XX N; Motion passed/failed.								
		ult of Vote leck one)	[Negative is not related.] < 2/	/3		GO TO "Persuasive" subsection					
	`	,	2/3 ≤ [Negative is not related	.]		GO TO "Final" subsection → (B)					
			X Negative is related and person	to pass.)							
	F	otion and Reason neck one)	Negative is related and not p	Negative is related and not persuasive. (Needs ≥2/3 vot							
	`	,	Reason								
P		otion by/ 2 nd by	Chris Maloney (INTEL) / Brian Ru	Chris Maloney (INTEL) / Brian Rubow (Cimetrix)							
Persuasive	Dis	scussion	 Propose change #1 in a rate 16 Y-0 N; Motion passed. 	Propose change #1 in a ratification ballot							
iive	(ch	ult of Vote leck one)	X [Negative is related and persuasive.] > 1/3 [Negative is related and not persuasive.] < 2/3 2/3 ≤ [Negative is related and not persuasive.] < 90% 90% ≤ [Negative is related and not persuasive.]	Is a technical change recommended? (check one) N GO TO "Final" subsections GO TO "Not Significant In the second		→ (E)					
Adı	Origi	nal section	ge Recommendations I/paragraph number and at least	one full sentence	are requ	uired in "FROM" and "TO"					
Address by Technical Change Option	FROM: Section/Paragraph Section 5 5.1.24 user — a human or humans who represent the factory and enforce the factory operations activities cause the equipment to best conform to factory operations practices. 5.2 Variable Definitions See SEMI E5 for full definitions. 5.3 data variable (DVVAL) — a variable where the value is only valid upon occurrence of more associated collection events. 5.4 status variable (SV) — a variable where the value is always valid. 5.5 equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always set by the host or operations or equipment constant (ECV) — a variable where the value is always valid.										

TO: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.1.25 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
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Justification (If necessary)

- Delete the controversial definitions
- Move non-controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; inserted alphabetically and renumbered.
- The section is not necessary since, as one voter points out, the classes are defined in SEMI E5.
- DVVAL is defined in E5, section 9.7. Usage of DVVAL is consistent with E5.

Motio	on		Ne	Negative is addressed by the technical change(s).						
Motion by/2 nd by Chris Maloney (INTEL) / Brian Rubow (Cimter										
Disc	ussion	none none								
			18	18 Y-1 N; Motion passed						
Result of Vote (check one)			х		2/3 ≤ [Negative is addressed by the technical change(s).]	GO TO "Incorporation of th Technical Change" subsection				
					[Negative is not addressed by the technical change(s).] < 2/3	GO TO "Final" subsection → (E)				
	Motion		To	o iı	ncorporate the technical change(s).					
Tec	Motion by/	2 nd k	y Ch	hri	s Maloney (INTEL) / Brian Rubow (Cimterix)					
hnic	Discussion	1	no	none						
atio				16 Y-1 N; Motion passed						
Incorporation of the Technical Change	hang Result of V				90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)				
he e	(check	one)			[Disagree to incorporate.]>10%	GO TO "Final" subsection → (E)				
					"if the TC Chapter finds a Negative not persons voting on the action". (<i>Regulations</i> ¶ 9.6					
Us	se of "Not		It is mu signific		nally agreed upon to term the Negative "not nt".	GO TO "Final" subsection → (D)				
si findi	significant finding option" (check one)		It is mu "signifi		ually agreed upon to term the Negative nt".	GO TO "Final" subsection → (C)				
			Wheth	hether or not the Negative is "not significant" is decided by a vote.						
Motion The Neg			Negati	gative is "not significant".						
Motion by/ 2 nd by		ne (Con	mp	any)/Name (Company)						
	Vote		XX Y ->	XX	N; Motion passed with simple majority	GO TO "Final" subsection → (D)				
			XX Y-X	Y-XX N; Motion failed with simple majority		GO TO "Final" subsection → (C)				

			(A)	Withdrawn (counted under h in disp	osition)				
			(B)	Not related (counted under i in dispo	osition)				
	(check if applicable)		(C)	(C) Related and not persuasive (significant)					
Final			(D)	Not significant (counted under j in di	sposition)				
a			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS				
		X	(F)	Addressed by technical change (counted under k disposition)					
	(check if applicable)		Comment gene	nerated. See Section V-(ii) Comment #					

_		1									
	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary. 5.7 Variable Data ID (VID)									
		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.									
Neg		VID is defined as "Variable ID" in E5 Table 3 Data Item Dictionary.									
Negative	Negative Text	VI		20, 3(), 5()				\$1F21, F22, F24; \$2F33, F45, F46, F47, F48; \$6F13, F18, F22; \$16F9; \$17F1			
		Bec	ause E5 and E30 ar	e clos	sely associated, de	efinitions shall	l be harmonized.				
TFi	nput (optional)										
,	Withdrawal		No Negative withdr	awal ı		GO TO "Related" subsection					
(check one)			Withdrawal docume MM/DD/YYYY.	ent red	GO TO "Final" subsection → (A)						
	Motion and Reason (check one)	Х	'Related' is mutuall	y agre	GO TO "Persu subsection	asive"					
			Negative is not related. (Needs ≥2/3 votes to pass.)								
			Reason								
Re	Motion by/ 2 nd by	Name (Company)/Name (Company)									
Related	Discussion										
	Result of Vote (check one)	XX Y -XX N ; Motion passed/failed.									
		X	[Negative is not rela	ated.]	GO TO "Persu subsection	asive"					
	(Clieck Olle)		2/3 ≤ [Negative is n	ot rela	GO TO "Final" → (B)	' subsection					
	Motion and Reason		Negative is related and persuasive. (Needs >1/3 votes to pass.)								

	(check one) X			X Neg	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)						
	Rea			ason	 The ballot does not change the definition of VID, but on moves the location of the definition. The definition in E5 is vague. Changes to E5 are out of scop 						
Pe			n by/ by		Company)/Name (Company) aloney (INTEL) / Albert Fuchigami (PEER Group)						
Persuasive				Voter state the future	r states that definitions should be the same in E5 and E30. This should be addressed in uture.						
sive	16 Y- 0 N				N; Mo	tion passed					
					egative is related and rsuasive.] > 1/3			Is a technical change recommended?		Y	GO TO "Address by Technical Change Option" subsection
			k one)			e is related and ve.] < 2/3	d not	(check one)		N	GO TO "Final" subsection → (E)
						≤ [Negative is related I not persuasive.] < 90%		GO TO "Final" subsection → (C)			
	y 90			y 909	% ≤ [Negative is related d not persuasive.]		GO TO "Not Significant Finding Option" subsection				
Address by Technical Change Option	FROM: Section/Paragraph XXX TO: Section/Paragraph xxx Justification (If necessary) FROM: Section/Paragraph XXX TO: Section/Paragraph XXX TO: Section/Paragraph XXX Justification (If necessary)							ired in "FROM" and "TO"			
hanç	Moti				Negative is addressed by the technical change(s).						
je O	Motion by/2 nd by				Name (Company)/Name (Company)						
ptior	Disc	uss	ion								
		_	sult of V		XX	Y-XX N; Motion 2/3 ≤ [Negativ change(s).]	ed/failed. ddressed by the te	chnic	al	GO TO "Incorporation of the Technical Change" subsection	
						[Negative is not addressed by the technical change(s).] < 2/3 GO TO "Final" → (E)				GO TO "Final" subsection → (E)	
	ਰੂ ਰੂ Motion				To incorporate the technical change(s).						
	Motion by/2 nd by				Name (Company)/Name (Company)						

		Discussion	1							
				XX	Y-XX N; N	Notion passed/failed.				
	Result of Vote (check one)			e	90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)			
				[Disagree	e to incorporate.]>10%	GO TO "Final" subsection → (E)				
Z	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". (<i>Regulations</i> ¶ 9.6.1.4.5.2)									
ot Sign	Us	e of "Not		It is mut significa		ed upon to term the Negative "not	GO TO "Final" subsection → (D)			
Not Significant Option	significant finding option" (check one)			It is mut "signific		ed upon to term the Negative	GO TO "Final" subsection → (C)			
Finding	•	,	Whether or not the Negative is "not significant" is decided by a vote.							
din	I	Motion	The	Negativ	egative is "not significant".					
g		otion by/ 2 nd by	Nam	e (Com	Company)/Name (Company)					
	Vote			XX Y-X	ベN ; Motio	on passed with simple majority	GO TO "Final" subsection → (D)			
				XX Y -X	≺ N ; Motio	on failed with simple majority	GO TO "Final" subsection → (C)			
					A)	Withdrawn (counted under h in dis	position)			
					B)	Not related (counted under i in disp	isposition)			
	(0	(check if applicable)			(C)	Related and not persuasive (signification	cant)			
Final			X		D)	Not significant (counted under j in c	n disposition)			
							(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)		Comment generated. See Section V-(ii) Comment # X.						

Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary. - 5.3 data variable (DVVAL)				
	I Nedative Leyt	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.				

		One	rd "data variable" is a e example, ¶7.3.2.5.7 .5.1.1 Host Requests Report:				and DVVAL's.				
		c	OMMENT	HOST	EQUIPMENT	COMMENT					
			ost requests data varia ontained in report RPTI				ment responds with a list of ole data for the given				
	Another example, ¶7.3.2.3,										
7.3.2.3 Detailed Description — The host may request a report containing data variables from the equipper specifying the RPTID. It is assumed that the report has been previously defined (e.g., using the Define Report transaction [see § 7.3.1]). The values of any status variables (SV's) and equipment constants (ECV's) containe the report must be current. Discrete data values (DVVAL's) are only guaranteed to be valid upon the occurre specific collection event. If DVVAL cannot be specified in equipment due to some restrictions depend on h and/or software conditions, the zero length item is reported.											
TF input (optional)		 The voter is not correct. "variable data" is not the same as "data variable". Section 7.3.2.3 is accurate as stated. The host may request reports containing data variables. This is not a definition of reports. The term "data variable" was introduced long ago in to E30. See E30 section 7.3.1.4. Finding a new term would confuse readers. Ratification ballot removes the data variable definition. 									
	Withdrawal (check one)		No Negative withdra	awal made b	y Voter.		GO TO "Related" subsection				
			Withdrawal docume 7/10/2019	ent received l	ds staff on	GO TO "Final" subsection → (A)					
		Χ	(A) V	Vithdrawn (c	ounted un	der h in disp	oosition)				
			(B) N	lot related (c	der i in disp	position)					
	(check if applicable)		(C)	(C) Related and not persuasive (significant)							
Fina			` ,		•	under j in d	lisposition)				
al 			(E)	Related and pudded	technical	change	DOCUMENT FAILS				
			(F)	ddressed by	technical	change <mark>(cou</mark>	nted under k disposition)				
	(check if applicable)	Comment generated. See Section V-(ii) Comment # X.									

	Referenced Section/	*TF/TC Chapter to fill in, including text in the ballot if necessary.						
z	Paragraph	5.3 data variable and 5.6 Variable Data						
Negative		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.						
ive	Negative Text	 These words are very similar but different meaning. It may introduce confusion. New definition "data variable" should be changed. 						

TF	input (optional)	 This is essentially a data" Addressed by ratification 	•	_		erenced a usage of "variable	
Withdrawal (check one)		X No Negative withdrawal made by Voter.				GO TO "Related" subsection	
		Withdrawal docum MM/DD/YYYY.	nent receive	ed by Standards st	aff on	GO TO "Final" subsection → (A)	
		X 'Related' is mutual	lly agreed u	ıpon. (Needs no n	notion.)	GO TO "Persuasive" subsection	
	Motion and Reason	Negative is not rel	ated. (Need	ds ≥2/3 votes to p	ass.)		
	(check one)	Reason	XXXX				
Rel	Motion by/ 2 nd by	Name (Company)/Nam	ne (Compar	ny)			
Related	Discussion						
ľ		XX Y-XX N; Motion pas	ssed/failed.				
	Result of Vote (check one)	[Negative is not re	[Negative is not related.] < 2/3				
	(chical chic)	2/3 ≤ [Negative is not related.]				GO TO "Final" subsection → (B)	
		X Negative is related	d and persu	asive. (Needs >1/	3 votes	to pass.)	
	Motion and Reason		d and not no				
		Negative is related	and not pe	ersuasive. (Needs	≥2/3 vot	tes to pass.)	
	Reason (check one)	Reason	a and not pe	ersuasive. (Needs	≥2/3 vot	tes to pass.)	
70		-		· ·	≥2/3 vot	tes to pass.)	
Persu	(check one) Motion by/	Reason	/ Brian Rul	bow (Cimetrix)	≥2/3 vot	tes to pass.)	
Persuasi	(check one) Motion by/ 2 nd by	Reason Chris Maloney (INTEL)	/ Brian Rul #1 in a rati	bow (Cimetrix)	≥2/3 voi	tes to pass.)	
Persuasive	(check one) Motion by/ 2 nd by Discussion	Reason Chris Maloney (INTEL) - Propose change	/ Brian Rul #1 in a rati ed. d and	ification ballot Is a technical change recommended?	≥2/3 voi	GO TO "Address by	
Persuasive	(check one) Motion by/ 2 nd by	Reason Chris Maloney (INTEL) - Propose change 16 Y-0 N; Motion passo X [Negative is related persuasive.] > 1/3 [Negative is related persuasive.] < 2/3	/ Brian Rul #1 in a rati ed. d and d and not	bow (Cimetrix) ification ballot Is a technical change		GO TO "Address by Technical Change Option" subsection	
Persuasive	(check one) Motion by/ 2 nd by Discussion Result of Vote	Reason Chris Maloney (INTEL) - Propose change 16 Y-0 N; Motion passo X [Negative is related persuasive.] > 1/3 [Negative is related persuasive is related persuasive.]	#1 in a ratied. d and not related e.] < 90%	ification ballot Is a technical change recommended?	X Y	GO TO "Address by Technical Change Option" subsection GO TO "Final" subsection → (E)	

FROM: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.2 Variable Definitions
- See SEMI E5 for full definitions.
- 5.3 data variable (DVVAL) a variable where the value is only valid upon occurrence of one or more associated collection events.
- 5.4 status variable (SV) a variable where the value is always valid.
- 5.5 equipment constant (ECV) a variable where the value is always set by the host or operator.
- 5.6 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
- 5.7 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

TO: Section/Paragraph Section 5

- 5.1.24 user a human or humans who represent the factory and enforce the factory operation model and . A user is considered to be responsible for many setup and configuration activities that cause the equipment to best conform to factory operations practices.
- 5.1.25 Variable Data (V) A data item containing a status variable (SV), data variable (DVVAL), or equipment constant (ECV) value.
- 5.1.26 Variable Data ID (VID) A unique identifier of a variable data item. The set of VIDs is the union of all SVIDs, ECIDs, and IDs for DVVALs.

Justification (If necessary)

- Delete the controversial definitions
- Move non-controversial definitions into section 5.1 Definitions section. 5.1.24 is unchanged; inserted alphabetically and renumbered.
- The section is not necessary since, as one voter points out, the classes are defined in SEMI E5.
- DVVAL is defined in E5, section 9.7. Usage of DVVAL is consistent with E5.

Motio	on	Ne	gative is addressed by the technical change(s).				
Motio	on by/2 nd by	Chr	Chris Maloney (INTEL) / Brian Rubow (Cimterix)				
Disc	ussion	nor	ne				
		18	Y-1 N; Motion passed				
	Result of Vote (check one)		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)			
	Motion	То	To incorporate the technical change(s).				
Inco	Motion by/2 nd by	Chr	Chris Maloney (INTEL) / Brian Rubow (Cimterix)				
ncorporat Technical	- T ' I		ne				
			Y-1 N; Motion passed				
on of the Change	Result of Vote	X	90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)			
9	(check one)		[Disagree to incorporate.]>10%	GO TO "Final" subsection → (F)			

Technical Changes

Not				e TC Chapter finds a Negative not per ting on the action". (<i>Regulations</i> ¶ 9.	
	Use of "Not		It is mutually ag significant".	greed upon to term the Negative "not	GO TO "Final" subsection → (D)
Significant Option	significant finding option" (check one)		It is mutually aq "significant".	greed upon to term the Negative	GO TO "Final" subsection → (C)
Finding			Whether or not	the Negative is "not significant" is decid	ded by a vote.
din	Motion	The	Negative is "no	t significant".	
9	Motion by/ 2 nd by	Nan	ne (Company)/N		
	Vote		XX Y-XX N; Mo	otion passed with simple majority	GO TO "Final" subsection → (D)
	Vote		XX Y-XX N; Mo	otion failed with simple majority	GO TO "Final" subsection → (C)
			(A)	Withdrawn (counted under h in dis	sposition)
			(B)	Not related (counted under i in dis	position)
	(check if		(C)	Related and not persuasive (signific	ant)
Fina	applicable)		(D)	Not significant (counted under j in	disposition)
al			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS
		Χ	(F)	Addressed by technical change (col	unted under k disposition)
	(check if applicable)		Comment gene	erated. See Section V-(ii) Comment #	

Disposition of Voting Interest Reject 5

Check only when the Document has not been failed.

6	Original	Original number (#) of Negatives (g)							
1	Number	of N	egatives withdrawn		(h)				
0	Number	of N	egatives found not related		(i)				
1	Number	of N	egatives found not significant		(j)				
4			egatives addressed by technic t significant)	al change (Negative	(k)				
		Х	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	ne denominator of § VI. 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

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.1.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.1.4.2.5)

	Origin		TC Chapter to choose mment 1 and 2 (Voter: A	lbert Fuchigami, PEER Group)							
	Referenced	*TF	/TC Chapter to fill in in	cluding text in the ballot as approp	oriate.						
Tech	Section/ Paragraph	sec	sections 7.7.5.5.2 and 7.9.3.3								
Technical Issue			I suggestion, should be Comment #1 - In section removed on the S7,F1 e	n 7.7.5.5.2. The footnote reference (sentry.	superscript 21) was not						
е	Reason	_	Comment #2 - Definition was this meant to go in	pe addressed with an editorial change on of 'message recognition' was moved Section 5 - Terminology? pe addressed with an editorial change	d to new section 7.9.3.3;						
Han	dle technical issu	ıe ide	entified above as a Neg	ative.							
		Х	'Related' is mutually ag	greed upon. (Needs no motion.)	GO TO "Persuasive" subsection						
	Motion and		Negative is not related	tes to pass.)							
	Reason (check one)		Negative is not related business. (Needs ≥2/3	Chapter meeting as new							
			Reason	XXXX							
Related	Motion by/ 2nd by	Nar	me (Company)/Name (C								
ıted	Discussion										
		XX	Y-XX N; Motion passed	/failed.							
	Result of Vote		[Negative is not related	I.] <2/3	GO TO "Persuasive" subsection						
	(check one)			elated] and assigned to TF.	GO TO "Final"						
				related] and placed on agenda of eting as new business.	subsection → (B)						
	Motion and	X	Negative is related and	I persuasive. (Needs >1/3 votes to p	pass.)						
Per	Reason (check one)		Negative is related and	I not persuasive. (Needs ≥2/3 votes	to pass.)						
Persuasive			Reason	XXXX							
sive	Motion by/ 2 nd by	Chr	is Maloney (INTEL) / Alb	pert Fuchigami (PEER Group)							
	Discussion		nment #1 to be addresse action needed for Comm	ed with technical change #2 by Ratific nent #2.	cation ballot proposal.						
	18 Y-0 N; Motion passed										

	•				1						_	
		•.	634 4	X			ive is relate sive.] > 1/3		Is a technical change	Х	Y	GO TO "Address by Technical Change Option" subsection
			of Vote cone)				ive is relate sive.] < 2/3		recommended? (check one)		N	GO TO "Final" subsection → (E)
						ا] ≥	S [Negative is related go To "Final" subsection → (C)					
		and not persuasive Technical Change Recommendations							GO TO TITIAL SC	INSE	CLIOI	7 (0)
		ina						nd at least or	ne full sentence are	e req	uire	d in "FROM" and "TO"
			FROM:	ROM: Section/Paragraph in section 7.7.5.5.2								
			Proces	s Pro	ogran	n L	oad Inqui	re S7,F	l ²¹ >			
			TO: Se	ectio	n/Par	agı	raph <mark>in se</mark>	ction 7.7.5.5	.2			
	Tech	1	Proces	ss Pr	ogra	m I	Load Inqui	ire S7,F	1>			
	Technical Changes						cessary) footnote	superscript.				
Address	anges	2	FROM:	Sec	tion/F	Par	agraph XX	ΚX				
			TO: Se	O: Section/Paragraph xxx								
by Technical Change Optic			Justifi	Justification (If necessary)								
al C	Moti	on				Ne	egative is a	ddressed by	the technical chang	e(s).		
nanç	Moti	Motion by/2 nd by				Ch	ris Malone	ey (INTEL) / A	Albert Fuchigami (PE	ER	Grou	p)
Je Opt	Disc	uss	sion			None						
ion						18	Y-0 N; Mc	otion passed				
-			sult of V			X 2/3 ≤ [Negative is addressed by the technical change(s).]			ical		GO TO "Incorporation of the Technical Change" subsection	
		_				[Negative is not addressed by the technical GC				GO TO "Final" subsection → (E)		
		M	otion			To incorporate the technical change(s).						
	Inc. Te	M	otion by	/2 nd	by							
	Incorporation of the Technical Change	Di	scussio	n		no	ne					
	tion CP					18	Y-0 N; Mc	otion passed				
	of th		Result o			Χ	90% ≤ [A	gree to incorp	oorate.]			GO TO "Final" subsection → (F)
	Ď		(check	one)			[Disagree	to incorpora	te.] >10%			GO TO "Final" subsection → (E)
							(B)	Not related				• ,
Fina	(ch	nec!	cone)				(C)	Related and	d not persuasive			
ıal	(61		Cone)				(E)		d persuasive and no by technical change			DOCUMENT FAILS
•							444100004	of tooliinour oriango				

	Χ	(F)	Addressed by technical change
(check if applicable)		Comment genera	ted. See Section V-(ii) Comment # X.

V. Comments

V- (i) Voters' Comments
Commenter 1 (Dawn Meinhardt / INTEL) - Comment 1

	inter 1 (Dawn Mennarut / NYTEE) - Comment 1									
رم	*TF	*TF/TC Chapter to fill in section/paragraph #, if necessary.								
Comment		Pg4 : NOTICE: Unless otherwise indicated, all documents cited ARE the latest published versions.' indicates all documents later published are correct								
	The	e TC Chapt	ter aç	greed to do one of the following actions.						
	*No	motion is	requ	uired in this step.						
Δ		Already a	Already addressed by Commenter #, Comment #							
Action	Χ	No further	actio	ction was taken by the TC Chapter.						
		Refer to the	ne TF	for more consideration.						
		New Busi	ness							
		Editorial C	Chang	ge						
		Options		Case 1: No vote in this section:						
		for editorial		To be included and voted on as a group in § VI. <i>Editorial Changes Other than Those Voted on in § V.</i>						
		change		Case 2: Voted in this section:						
		(check one)		Original section number and at least one full sentence are required in "FROM" and "TO" fields.						

This table is needed for each Comment accompanied a Vote

Commenter 2 (Tadashi Mochizuki / TEL) - Comment 1

	*TF	*TF/TC Chapter to fill in section/paragraph #, if necessary.										
	5.2	5.2 Variable Definitions:										
	Rea	Reason:										
	_	 Thank you for revising the VID acronyms. I recommend to add a table that describes the acronym to Related Information (or some 										
	_	I recomme section).	end to	add a table that	describes the	acronym to Related I	nformation (or s	some				
Comment	_	,	s sar	nple table. This is	my understandir	ng for this ballot.						
ıme					ac	ronyms						
] #				variable type (class)	Variable data ID	variable data	variable name					
	vari	able			VID	V						
		data variable		DVVAL	ID for DVVAL	data variable value (DVVAL)	DVVALNAME					
		status variable	е	SV	SVID	Status variable value (SV)	SVNAME					
		equipment co	nstant	ECV	ECID	Equipment constant value (ECV)	ECNAME					
	The	e TC Chapt	er ag	reed to do one of	the following	actions.						
	*No	motion is	requ	ired in this step.								
Þ		Already ac	ddres	sed by Commente	r #, Comment #							
Action	Χ	No further	actio	n was taken by the	e TC Chapter.							
]		Refer to th	e TF	for more consider	ation.							
		New Busir	ness									
		Editorial C	hang	е								
		Options		Case 1: No vote	in this section:							
		for		To be included a than Those Vote		a group in § VI. <i>Edit</i>	orial Changes	Other				
		editorial change		Case 2: Voted in								
		(check	-			t least one full sente	ence are requir	ed in				
		one)		"FROM" and "TO			so aro roquii	54 III				

Commenter 3 (Franz Putz / ZNT) - Comment 1

Co	*TF	F/TC Chapter to fill in section/paragraph #, if necessary.
Comment	_	7.7.5.5.2 Host-Initiated Process Program Download — Formatted: The reference to footer 21 is obsolete.
c A	Th	ne TC Chapter agreed to do one of the following actions.

*No	o motion is	requ	uired in this step.				
	Already a	Already addressed by Commenter #, Comment #					
Х	No further	No further action was taken by the TC Chapter.					
	Refer to th	ne TF	for more consideration.				
	New Business						
	Editorial Change						
	Options		Case 1: No vote in this section:				
	for editorial change		To be included and voted on as a group in § VI. <i>Editorial Changes Other than Those Voted on in § V.</i>				
		_	Case 2: Voted in this section:				
	(check one)		Original section number and at least one full sentence are required in "FROM" and "TO" fields.				

Commenter 4 (Hyosung Kim / Doople) - Comment 1

	*TF	*TF/TC Chapter to fill in section/paragraph #, if necessary.								
Comment	_ _ _	 Hi, In Section 5.2 Can we have Alarm ID(ALID) as of standard? 								
	Th	e TC Chapt	ter a	greed to do one of the following actions.						
	*No	No motion is required in this step.								
Þ		Already a	Already addressed by Commenter #, Comment #							
Action	Х	No further	r acti	ion was taken by the TC Chapter.						
		Refer to the	Refer to the TF for more consideration.							
		New Busi	ness							
		Editorial C	Chan	ge						
	Options			Case 1: No vote in this section:						
		for editorial		To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.						
		change		Case 2: Voted in this section:						
		(check one)		Original section number and at least one full sentence are required in "FROM" and "TO" fields.						

Commenter 5 (Matsuda Mitsuhiro / KOKUSAI ELECTRIC) - Comment 1

	*TF	*TF/TC Chapter to fill in section/paragraph #, if necessary.							
Comment	_	I think we first revise E30 without introducing "variable" concept. As I wrote Comment 2, their already exist inconsistency in E30 and E5. (not only inconsistency between E30 and E5, but also inconsistency each in E5 and in E30.)							
	Th	e TC Chapt	er agreed to do one of the following actions.						
	*No motion is required in this step.								
Þ		Already addressed by Commenter #, Comment #							
Action	Х	No further action was taken by the TC Chapter.							
		Refer to the TF for more consideration.							
		New Business							
		Editorial Change							
		Options	Case 1: No vote in this section:						
		for editorial	To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.						
		change (check	Case 2: Voted in this section:						
		one)	Original section number and at least one full sentence are required i "FROM" and "TO" fields.						

Commenter 5 (Matsuda Mitsuhiro / KOKUSAI ELECTRIC) - Comment 2

C	*TF	*TF/TC Chapter to fill in section/paragraph #, if necessary.									
Comment	_ _	At introducing Stream Function from S1,F21 to S1,F24 of SEMI E5 and related revision of SEMI E30 are misleading for using new definitions without consistency., We should modify to harmonize other definitions.									
	The TC Chapter agreed to do one of the following actions.										
	*No	*No motion is required in this step.									
Þ		Already addressed by Commenter #, Comment #									
Action	Χ	No further action was taken by the TC Chapter.									
		Refer to the TF for more consideration.									
		New Business									
		Editorial Change									
		Case 1: No vote in this section:									

Options for		To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.
editorial change		Case 2: Voted in this section:
(check one)		Original section number and at least one full sentence are required in "FROM" and "TO" fields.

V-(ii) Comments Created by Handling Negative

NONE

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

Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.

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	=	49	/	49	=	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.
X	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.

	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		This is a Safety Document , when all safety-related information is removed, the Document is technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)								
		Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Documen throughout the balloting process. (<i>Regulations</i> ¶ 15.1.2)								
	Voti	ion	by/2 nd by	Chris Maloney (INTEL) / James Moyne (AMAT/UMICH)						
	Discussion Vote			none						
				14 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)								
	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 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

# Fill	IN INIOWILL ALCITICA	# Fill	technologies first became known to	nerformed 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 techno (Brief description, e.g., pate	nber):	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		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	•		NO	The Document is failed and returned to the TF	
	NO	No furth	er action is nee	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									
		YES	EXT one, e, GO TO IX(b)						
Has an LOA for this patented technology		NO	MC		Ask ISC for sp	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)			
						Name (Company)/Name (Company)			
				cuss	sion	XXXX			
		Vot	е		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

#	(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)
number	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		YES	Is the use/reproduction of		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(b3)		
item #1 used or reproduced in the Standard/Safety Guideline?			this copyrighted item technically justified?		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

detined							
Copyright release Status of copyrighted item #1							
Has the copyright release been received from its owner?.		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO 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)	
				tion	by/ 2 nd by	Name (Company)/Name (Company)	
				cuss	sion	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

(0) / toooooimont or alooloo	0 4 1.	aontinioa,	adomark			
Is there any trademark in the Standard/Safety Guideline?		YES	Is every instance of trademark use technically justified?		YES	GO TO IX(d)
						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

		This Document passed TC Chapter review as balloted and will be forwarded to the ISC A& SC for procedural review.							
I ≤			ment passed TC Chapter review with editorial changes and will be forwarded to t SC for procedural review.						
Motion	X	editorial ch	Document passed TC Chapter review with technical changes and with or without orial changes and will be forwarded to the ISC A&R SC for procedural review. A fication Ballot will be issued to verify the technical changes.						
		This Docur	ument failed TC Chapter review and will be returned to the TF for rework.						
	This Document failed TC Chapter review and work will be discontinued.								
Motion by/ 2 nd by		•	Chris Maloney (INTEL) / Albert Fuchigami (PEER Group)						
Discussion		ussion	none						
Vote		ote	15 Y -1 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.