#### Record of Line-item Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: Japan Global Technical Committee: Automation Technology TC Chapter Cochairs: Teruaki Ito/Mitsubishi Electric, Terry Asakawa/Independent Standards Staff: Mizue Iwamura (MS.)

	Scheduled in Background Statement	Actual
Date	4/20/2018	4/20/2018
Location	SEMI Japan, Tokyo, Japan	SEMI Japan, Tokyo, Japan

# **Document Information**

#### I. Document Number, Title, Lists of Line Items

Doc 6329	ument Number	Document Title LINE ITEM REVISION TO: 'SEMI A1-0617 SPECIFICATION FOR HORIZONTAL COMMUNICATION (HC) BETWEEN EQUIPMENT FOR FACTORY AUTOMATION SYSTEM', AND 'SEMI A1.1-0617 SPECIFICATION FOR MEDIA INTERFACE FOR A HORIZONTAL COMMUNICATION
	Line Item 1	(HC) BETWEEN EQUIPMENT' Line Item Title Remove PV specific items.
List of L	Line Item 2	Line Item Title Make the following improvements regarding Data Brock and its messaging
Line Items	Line Item 3	Line Item Title Add explanation that Data Handshake may be used for the host and equipment connection
ms	Line Item 4	Line Item Title Improve English expressions and document readabilities

# Line Item 1 Adjudication

### II. Tally (Standards staff to fill in)

#### Voting Tally: As-cast tally after close of voting period

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*  $\P$  9.7.1.1)

Voting Tally :

Voting Interest:	<b>Returned Votes</b>		Distribution		Return Rate	
Letter Ballot	67	÷	103	=	65.0%	>=60%
Intercommittee Ballot	34					
Voting Interest Reject(s)	0	]	Total	Vote	rs with Rejects	0
Voting Interest Accept(s)	51	]				

#### **III. Rejects**

There is no Rejects on Line Item 1 of #6329.

### **IV. Other Technical Issues**

There is no Other Technical Issues on Line Item 1 of #6329.

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

Commenter 1 (Christian Hoffmann/ PEER Group GmbH) - Comment 1

#### \*TF/TC Chapter to fill in, if necessary.

Table 10 shows a rather sophisticated communication model. However, the 3 of 9 HC related combinations are not allowing for message propagation. The pink cells refer to VC and the do NOT belong into this HC specification document, and as VC does not use the EquipmentID for identification of the communication peer they appear to be incorrect. The statements above result in the marked left column and the marked first row do not contribute to the actual scope of the standard document and shall be omitted (beside the other pink colored cells).

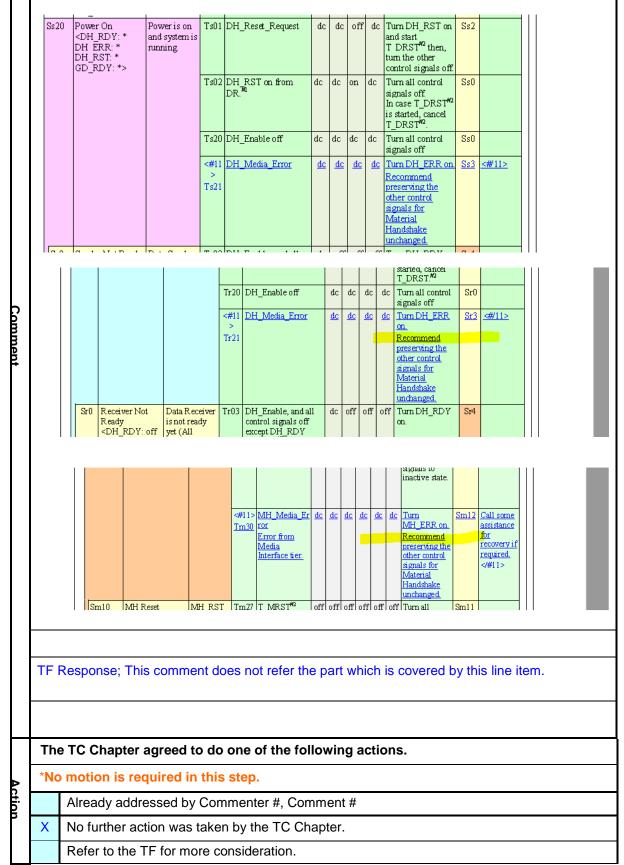
			Table 10 <u>Co</u>	ombinations o	f Originator ID and Respond	ler ID		
				Originator ID	Originator ID Not Specified	Originator ID Specified	<u>Host Originated</u>	2
			<u>Responder II</u>		0x00#2	0x01 <sup>#1</sup> ~0xFE <sup>#1</sup>	0xFF#	
			<u>Responder</u> ID Not Specified (Default)	<u>0x00<sup>#2</sup></u>	For HC      Communication between     adjacent equipment      Propagation of the message     is not allowed.	For HC     Communication between     adjacent equipment where     Equipment D of Responder     is unknown     Propagation of the message     is not allowed	For VC <u>Communication between the</u> <u>host and equipment</u> <u>Host originated</u>	ETTER BALI
		<u>Responde</u> ID Specif		<u>0x01</u> <sup>44</sup> ~0x <b>FE<sup>44</sup></b>	<ul> <li>For HC</li> <li>Communication between adjacent equipment where Equipment ID of Originator is not set.</li> <li>Propagation of the message is not allowed.</li> </ul>	<ul> <li>For HC</li> <li><u>Communication between</u> specified equipment</li> <li><u>Propagation of message by</u> <u>Propagator is required</u></li> </ul>	<ul> <li>For VC</li> <li>Communication between the host and equipment with Equipment ID</li> <li>Host originated</li> <li>For HC</li> <li>Communication between equipment in the host position and the specified equipment</li> <li>Propagation of message by Propagation is required</li> </ul>	LE
			Broadcast / Back to the <u>Host</u>	<u>0x777***</u>	<ul> <li>For VC</li> <li>Communication between the host and equipment</li> <li>Equipment originated</li> </ul>	For HC     Broadcast from specified     equipment     Propagation of message by     Propagator is required     For VC     Communication between the     host and equipment with     Equipment ID     Equipment originated	<ul> <li>For HC</li> <li>Broadcast from equipment in the host position</li> <li>Propagation of message by Propagator is required</li> </ul>	
			#1 <u>Ox means th</u>	, le value follows is	hexadecimal.		· · · · · · · · · · · · · · · · · · ·	
					t does not refer the 4 of Line Item 2.	part which is covered	d by this line item. Also,	this
	The	e TC C	Chapter a	agreed to	do one of the follow	wing actions.		
	*No	o moti	on is req	uired in t	his step.			
		Alrea	ady addre	essed by C	Commenter #, Comm	ent#		
Action	Х				ken by the TC Chap			
ň					e consideration.			
			Busines					
			orial Char					
					: No vote in this see	ction :		
		Opti fo			y of Editorial Changes			
		Edito			: Voted in this secti		y e. Euterial onanges	
		Cha (che on	eck	Origina			I sentence are require	ed in
Edit	1	FRC	DM: Sect	ion/Parag				

		TO: Sectio	n/Paragraph xxx								
		Justification (If necessary)									
	FROM: Section/Paragraph xxx										
	2	TO: Section/Paragraph xxx									
		Justificatio	on (If necessary)								
М	otior	n	To approve above editorial change(s)								
М	otior	n by/2nd by	Name (Company)/Name (Company)								
D	iscus	ssion	XXXX								
Vote         XX-XX; Motion passed/failed.											

#### Commenter 1 (Christian Hoffmann/ PEER Group GmbH) - Comment 2

\*TF/TC Chapter to fill in, if necessary.

Table 15, 16 and table 20 show recommendations. This is not proper wording for a standard specification. Standard documents contain requirements. Those can be mandatory or optional. However, they are not just recommendations; otherwise they are implementation specific and shall rather be shown in application notes.



A&R Ballot Report Template (Line Item) Revision 1.2

		New Busin	ess						
		Editorial Cl	nange						
		Options	Case 1: No vote in this section :						
		for Editorial	To be included and voted on in § VI. Summary of Editorial Changes.						
		Change	Case 2: Voted in this section :						
		(check one) Original section number and at least one full sentence are required "FROM" and "TO" fields.							
		FROM: Se	ection/Paragraph xxx						
F	1	TO: Section/Paragraph xxx							
Editorial Change		Justification (If necessary)							
Chano		FROM: Se	ection/Paragraph xxx						
Ð	2	TO: Section	on/Paragraph xxx						
		Justificati	ion (If necessary)						
М	otior	1	To approve above editorial change(s)						
М	otior	n by/2nd by	Name (Company)/Name (Company)						
Di	iscus	sion	XXXX						
Vo	ote		XX-XX; Motion passed/failed.						

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

There is no Comments Created by handling Negative on Line Item 1 of #6329.

### VI. Editorial Changes other than those dealt with in Section V.

There is no Editorial Changes other than those dealt with in Section V on Line Item 1 of #6329.

# 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* ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.7.1.3)

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	51	/	51	=	100.0%	 >=90%

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

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

See § 9.7.2 of the Regulations for further information



Line Item 1 meets the Letter Ballot Approval Conditions for the global technical committee Line Item 1 meets the Letter Ballot Approval Conditions for the TC Chapter

and a Ratification Ballot will be issued to verify Technical Changes

# Line Item 2 Adjudication

### II. Tally (Standards staff to fill in)

#### Voting Tally: As-cast tally after close of voting period

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*  $\P$  9.7.1.1)

Voting Tally :

Voting Interest:	<b>Returned Votes</b>		Distribution		Return Rate	
Letter Ballot	67	÷	103	=	65.0%	>=60%
Intercommittee Ballot	34					
Voting Interest Reject(s)	1		Total	Vote	rs with Rejects	1
Voting Interest Accept(s)	49					

# **III. Rejects** Voting Interest Reject 1 (Voting Interest Name: PEER Group **GmbH**)

# Voting Interest Reject 1- Voter Reject 1 (Voter: Hoffmann, Christian / PEER Group GmbH) Negative 1 of Voting Interest Reject 1- Voter Reject 1

Neg	ative 1 of voti		nterest Reject 1- V								
		*TF/	TC Chapter to fill in in	cluding text in the ballot if neces	ssary.						
Negative	Referenced Section/ Paragraph	<##. 5.2 <b>2.</b> 1   1.1 ma (eq	.23 <u>Propagator — an equipmen</u> 22> .24 <u>Receive Port — a material t</u> <b>Purpose</b> The purpose of this Standard terial flow (hereinafter referred uipment here includes process of	nt role which relays a General Data message t transfer Port which has a function of receiving is to provide a specification for communica to as horizontal communication [HC]) to be equipment, metrology equipment, transport e	g a material. ation between adjacent equipment in used for Factory Automation system						
	etc.).         *Original complete Negative text (e.g., issue, justification, suggestion) state         copied.         1. The change #22 attempts to allow/enable for HC between equipment         that are not adjacent to each other but just logical successors. How         definition of "Propagator" still refers to adjacent equipment. This do         to be correct or seem to be incompletely worded.         2. The Purpose section of the document already sets the scope to log         equipment:										
TF	input (optional)		- 1 1								
	Withdrawal	x	No Negative withdrawa	GO TO "Related" subsection							
	(check one)		Withdrawal document r MM/DD/YYYY.	GO TO "Final" subsection <del>→</del> (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	хххх							
Re	Motion by/2nd by	Nan	ne (Company)/Name (Co	ompany)							
Related	Discussion										
		XX-	XX; Motion passed/faile	d.							
	Result of Vote (check one)		[Negative is not related	GO TO "Persuasive" subsection							
			2/3≤ [Negative is not re	GO TO "Final" subsection → (B)							
	Motion and Reason		Negative is related and persuasive. (Needs >1/3 votes to pass.)								

	(ch	ecł	( one)	X Ne	gative	e is related and	d not p	ersuasiv	⁄e. <b>(Needs ≥</b> 2	2/3 vot	tes	to pass.)	
Persuasive				Rea	ason		<ul> <li>Firstly, the Purpose section is not a section which sets scope. The Scope section does not say "Logically" adjacent.</li> <li>1. The communication specification defined in this document does not define handshake between non-adjacent logical successors. This Document defines the communication between adjacent equipment, and Propagator is one of the equipment roles of adjacent equipment.</li> <li>2. As the Scope says, this standard defines communication specifications which completes between adjacent equipment. However, it is also possible to relay information by repeatedly using this specification to every connection of equipment in an array of equipment in the production line.</li> </ul>						
ıasive	Mot	Motion by/2nd by Katsuyoshi Takahashi (Mitsubishi electric) / Takashi Nakagawa (Yokogawa Solution 3										Yokogawa Solution Service)	
, P	Di	scu	ssion	None.									
				8-0; Mo	tion p	bassed.			1				
	Res	ult	of Vote	>1/		e is related ar	•	suasive.	Recommend	ded		GO TO "Address by Technical Change Option" subsection GO TO "Final"	
	(ch	eck	( one)	per	suasi	ve.] <2/3			(Y/N)			subsection → (E)	
					-	egative is re ve.] <90%	ection <del>→</del> (C)						
				<b>y</b> 909	/\ ≤ [1	Sector is related and not uasive.] GO TO "Not Significant Finding Option subsection							
	Tech	nica	al Chang			nded by the T	F		Subsection				
	Note: "TO"			ection/pa	aragr	aph number a	and at	least o	ne full sente	nce ar	re r	equired in "FROM" and	
			FROM:	Section/	Para	graph XXX							
Ac		1	TO: See	ction/Pa	Paragraph xxx								
Address	Tec		Justific	ation (If	(If necessary)								
s by	hnica		FROM	Section	Para	graph XXX							
Tech	echnical Change				i uiu	giapii							
nical	ange	2	TO: See	ction/Pa	ragra	aph xxx							
Cha	Cha												
by Technical Change Option		Justification (If necessary)											
Optio	Motio	on			Neg	ative is addres	sed by	/ the Te	chnical Chan	ge.			
_	Motio	on b	y/2nd by	у	Nan	ne (Company)	/Name	(Compa	any)				
	Discu	ussi	ion										
						XX; Motion pa	ssed/fa	ailed.					
	Resu	ilt o	f Vote one)	(check		2/3≤ [Negativ Change.]	e is ad	dressed	l by the Tech	nical		GO TO "Incorporation of the Technical Change" subsection	

						[Negative Change.]		not addressed by the Tech 2/3	nnical	GO TO "Final" subsection <del>→</del> (E)			
		Motion		Т			-	he Technical Change.					
	Inc Te	Motion by/2nd by			Name (Company)/Name (Company)								
	Incorporation of the Technical Change	Discussior	١										
	al CP					XX-XX; Motion passed/failed.							
	of the	Result o (check				90% ≤ [A	Agi	ee to incorporate.]		GO TO "Final" subsection → (F)			
	•		-					incorporate.]>10%		GO TO "Final" subsection → (E)			
								Chapter finds a Negative on the action". ( <i>Regulatio</i>		isive by a vote equal to or .2)			
Not :	Us	e of "Not	Х	lt is signifi			gre	ed upon to term the Ne	gative "not	GO TO "Final" subsection → (D)			
Not Significant Finding Option	significant finding option" (check one)			lt is m	nutu	ally agree	eed	upon to term the Negative "	ʻsignificant".	GO TO "Final" subsection <mark>→ (C)</mark>			
nt Fii				Whet	her	or not the	he	egative is "not significant" i	is decided b	y a vote.			
nding		Notion	The	Negat	tive	is "not si	sigr	ficant".					
) Optior	Mot	on by/2nd by	Nam	ne (Co	Company)/Name (Company)								
ſ		Vote		xx-x	X; N	/lotion pa	ass		GO TO "Final" subsection → (D)				
		VOLE		xx-x	XX-XX; Motion failed with simple majority					GO TO "Final" subsection → (C)			
					(A) withdrawn (counted under h in dispositio				in dispositio	n)			
					<b>(</b> E	3)	n	t related (counted under i i	n dispositior	ו)			
-		check if			(0	<b>)</b> )	re	ated and not persuasive (s	ignificant)				
Final	ар	plicable)	Х		([	D)	n	t significant (counted unde	r <b>j</b> in disposi	tion)			
					(E		а	related and persuasive and not addressed by Technical Change		DOCUMENT FAILS			
					(F	F)	а	dressed by Technical Cha	nge (counte	d under <b>k</b> disposition)			
		check if plicable)		Comn	nen	t generat	ate	. See Section V-(ii) Comme	ent # <mark>X</mark> .				

#### Negative 2 of Voting Interest Reject 1- Voter Reject 1

		g
Ne gati	**	TF/TC Chapter to fill in including text in the ballot if necessary.

		Г					
		Addressing ID			•	Identificare which more	ages addressing of the message
		Addressing ID				See 'Addressing ID'	
		Originator I	ORIG ID	2	BYTE	Identifier of the Origi	
		Responder I	<u> </u>	<u>3</u>	<u>BYTE</u>	Identifier of the Resp	onder of this message.
	Referenced Section/	Message Control	<u>ID MCD</u>			_	age message thread and its interleave. 1 ID' section for detail.
	Paragraph	Thread ID	THREAD_ID	4	BYTE	An identifier which c	ontains thread control information.
	ranagraph	Path ID	PATH ID	5	<u>BYTE</u>		ontains path control information.
		(Reserved)	(Reserved)	<u>6</u>	BYTE	Reserved for future u Reserved for future u	
		(Reserved) Time Stamp	(Reserved) TIME STAMP	<u>7</u>	<u>BYTE</u> STRUCT		
				<u>8</u> ≃	<u>51R0C1</u>		MP is for communication
	Negative Text	arranged in a m related compon In my opinion id something. The mixes singular In the definition What does it re The definition o	s not properly lessage (even lent defined? dentifiers do no statement "Id and plural in a of the Origina fer to? If the "Messag	defined not in th ot mana entifiers ddition. ttorID ar e Contro	ge anyt s which d the F ol ID" h	components a enced section thing but they manages add ResponderID t as an unclear	re not shown how to be ). Where is the propagator allow for managing lressing" is unclear as it here is a "this message". statement: "Identifiers ording needs improvement.
TF	input (optional)						
	Withdrawal	X No Negative	e withdrawal ma	ade by V	oter.		GO TO "Related" subsection
	(check one)	Withdrawal MM/DD/YY	document recei	ived by S	Standar	ds staff on	GO TO "Final" subsection → (A)
	Motion and	X 'Related' is	mutually agreed	d upon. <mark>(</mark>	Needs	no Motion.)	GO TO "Persuasive' subsection
	Reason	Negative is	not related. (Ne	eds ≥2/	3 votes	to pass.)	
	(check one)	Reason	XX	xx			
Re	Motion by/2nd by	Name (Company	/)/Name (Comp	any)			
Related	Discussion						
		XX-XX; Motion p	bassed/failed.				
	Result of Vote	[Negative is	not related.] <2	2/3			GO TO "Persuasive" subsection
	(check one)	2/3≤ [Negat	ive is not relate	d.]			GO TO "Final" subsection <del>→</del> (B)
Persuasi ve	Motion and Reason	Negative is	related and per	suasive.	(Needs	s >1/3 votes to	pass.)
uasi	(check one)	X Negative is	related and not	persuas	ive. <mark>(Ne</mark>	eds ≥2/3 vote	s to pass.)

				F	Reason	because Prop Propagator is adjacent equi "Identifiers wh "Identifiers w expression. <del>-</del> "This messag the table. Both "Messag	pagator does not simply relay a Ge pment. tich manages add hich manage ad See editorial cha e" means a messa ge thread" and "	nee ener ress ddre inge age 'Inte	riginatorID and ResponderID ed to have ID as the role of al Data message to the next sing" should be changed to ssing" to make it plural created with the definitions in rleave" are technical terms otocol definitions and are
	Mot	ion b	by/2nd y	Katsu	iyoshi Takahashi (Mit		/ Takashi Nakaga	awa	(Yokogawa Solution Service)
	Di	scu	ssion	None					
				[	Motion passed. Negative is related a >1/3	nd persuasive.]	ls a Technical Change Recommended	Y	GO TO "Address by Technical Change Option" subsection
		(check one) pe			Negative is relato persuasive.] <2/3 2/3≤ [Negative is re persuasive.] <90%	? (Y/N)		GO TO "Final"	
				× (	bersuasive.] <90% 90% ≤ [Negative is rel bersuasive.]				section $\rightarrow$ (C) cant Finding Option"
Address by Technical Change Option		: Or ' fie 1	iginal se Ids. FROM: TO: Se FROM: TO: Se	ection Section/ ction/ Section	commended by the T /paragraph number on/Paragraph XXX Paragraph XXX (If necessary) on/Paragraph XXX Paragraph XXX (If necessary)		ne full sentence a		required in "FROM" and
	Moti	on			Negative is addre	ssed by the Tee	chnical Change.		
			by/2nd b	у	Name (Company)	/Name (Compa	ny)		
	Disc	uss	ion		XX-XX; Motion pa	assed/failed.			

	-							
	Resu	It of Vote	(ch	eck		2/3≤ [Ne Change.]	gative is addressed by the Technical	GO TO "Incorporation of the Technical Change" subsection
		one)				[Negative Change.]	e is not addressed by the Technical < 2/3	GO TO "Final" subsection → (E)
		Motion			To i	ncorporat	e the Technical Change.	
	Inc Te	Motion by/	2nd I	οу	Nam	ne (Compa	any)/Name (Company)	
	orpor ≎chnic	Discussior	۱					
	atio al C				XX-X	XX; Motio	n passed/failed.	
	Incorporation of the Technical Change	Result o				90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection $\rightarrow$ (F)
	le ?	(check	one)			[Disagree	e to incorporate.]>10%	GO TO "Final" subsectior → (E)
							C Chapter finds a Negative not persu g on the action". ( <i>Regulations</i> ¶ 9.6.4.4	
Not S	Us	e of "Not	x		s mu iificai		reed upon to term the Negative "no	→ (D)
Not Significant Finding Option	findi	nificant ng option" eck one)		lt is	mutu	ally agree	ed upon to term the Negative "significant"	GO TO "Final" subsectior → (C)
ıt Fir		,		Whe	ether	or not the	e Negative is "not significant" is decided t	by a vote.
nding	I	Notion	The	Neg	ative	is "not si	gnificant".	
l Optio	Moti	on by/2nd by	Nam	ne (C	omp	any)/Nam	ne (Company)	
n		Vote		XX-	XX; I	Motion <mark>pa</mark>	ssed with simple majority	GO TO "Final" subsectior $\rightarrow$ (D)
		VOLE		XX-	XX; I	Motion fai	led with simple majority	GO TO "Final" subsectior → (C)
					(/	A)	withdrawn (counted under <b>h</b> in dispositio	n)
					(	В)	not related (counted under <b>i</b> in dispositio	n)
-		heck if			(	C)	related and not persuasive (significant)	
Final	ар	plicable)	Х		(	D)	not significant (counted under <b>j</b> in dispos	ition)
-						E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS
					(	F)	addressed by Technical Change (counte	ed under <b>k</b> disposition)
	•	heck if: plicable)		Con	nmer	nt generat	ed. See Section V-(ii) Comment # X.	

# Negative 3 of Voting Interest Reject 1- Voter Reject 1

gati	*TF/TC Chapter t	o fill in including to	ext in the ballot if	necessary.	

		7.4.2 <u>Message Control ID (N</u>	( <u>C ID)</u> <del>Command Sequence No</del> ed to support <del>abovo</del> message prote	<del>: (CE_Na)</del> acol for Ger
		consists of <u>Thread ID</u> and <u>Path I</u> 7.4.2.1 <u>Criginator/Responder</u> <u>Originator</u> or <u>Responder</u> of <u>Originator</u>	D. Originator/Rosp on dar byte and Syste Originator/Rosp on dor by	yte indicate Originate
	Referenced Section/ Paragraph	message thread etream the mes Responder shall use the same incommented by one for every p	D) Interleave Byte — Thread ID I sage belongs to. <u>Thread ID shal</u> value. Interleave byte is set by w message stream. The Pert wh am number the seme. 01 to FF is	1 be assign the Port w ich comend
		7.4.2.3 <u>Path ID (PATH ID) — P</u> Table 12 <u>Definition of Path ID (P</u>	ATH ID)	
		Bit <u>mnemonic</u> <u>Value</u> *Original complete Negative text copied.	<u>Definitio</u> (e.g., issue, justification, s	uggestion) should be
		(uncertain about the proper nu The marked section number sha The marked section number sha	Il get corrected to 7.4.2.1	shes hard to identify)
TF i	nput (optional)			
	Withdrawal	X No Negative withdrawal made	by Voter.	GO TO "Related" subsection
	(check one)	Withdrawal document receive MM/DD/YYYY.	d by Standards staff on	GO TO "Final" subsection <del>→</del> (A)
	Motion and	X 'Related' is mutually agreed u	pon. (Needs no Motion.)	GO TO "Persuasive" subsection
	Reason (check one)	Negative is not related. (Need	s ≥2/3 votes to pass.)	
	(check one)	Reason XXXX		
Re	Motion by/2nd by	Name (Company)/Name (Compan	y)	
Related	Discussion			
		XX-XX; 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 <del>→</del> (B)
		Negative is related and persu	asive. (Needs >1/3 votes to	pass.)
Persuasive	Motion and Reason (check one)	X Negative is related and not pe	rsuasive. <mark>(Needs ≥2/3 votes</mark>	to pass.)
ıasive	(CHECK OHE)		ed in the Ballot, adjustment of ss/Fail result of the ballot will	of section numbers based on I be done by SEMI staff.
	Motion by/2nd by	Katsuyoshi Takahashi (Mitsubishi I	Electric) / Takashi Nakagawa	(Yokogawa Solution Service)

	Dis	scu	ssion	None.						
				8-0; Mot	ion p	bassed.				
	Due			>1/3	3	e is related and persuasiv	e.j	ls a Technical Change Recommended		GO TO "Address by Technical Change Option" subsection
			of Vote ( one)	pers	gative suasi	ve1<2/3	not	(Y/N)		GO TO "Final" subsection <del>→</del> (E)
			-	2/3≤	≦ [Ne	egative is related and r	not	GO TO "Final" s	ubs	section $\rightarrow$ (C)
				0010	1000	ve.] <90% Vegative is related and not				ant Finding Option"
<u> </u>	Teels			pers	suasi			subsection		
		Or	- iginal se			nded by the TF aph number and at least	on	e full sentence a	are r	equired in "FROM" and
			FROM:	Section/	Para	graph XXX				
		1	TO: Sec	tion/Para	agra	ph XXX				
	Techn		Justific	ation (If	nece	essary)				
A	Technical Change		FROM: S	Section/F	Para	graph XXX				
ddress	ange	2	TO: See	ction/Par	agra	iph xxx				
Address by Technical Chang			Justific	ation <mark>(If</mark>	nece	essary)				
hnica	Motio	on			Neg	ative is addressed by the	Тес	chnical Change.		
I Ch	Motio	on b	y/2nd by	y	Nam	ne (Company)/Name (Com	npai	ny)		
<b>•</b>	Discu	ıssi	ion							
₽Op					XX-X	XX; Motion passed/failed.				
Option	Resu	ılt o	f Vote one)	(check		2/3≤ [Negative is address Change.]	ed	by the Technical		GO TO "Incorporation of the Technical Change" subsection
					[Negative is not addressed by the Technical Change.] < 2/3					GO TO "Final" subsection <del>→</del> (E)
		Мо	tion		To ii	ncorporate the Technical	Ch	nange.		
	ч С	Мо	tion by/2	2nd by		ne (Company)/Name (Com		6		
	orpoi ≩chnic	Dis	scussion	1		· · ·				
	ratio cal C				XX-X	XX; Motion passed/failed.				
	Incorporation of the Technical Change		Result o			90% ≤ [Agree to incorpora	ate.	]		GO TO "Final" subsection → (F)
			(check	,		[Disagree to incorporate.]				GO TO "Final" subsection → (E)
Not Signif	This great					I "if the TC Chapter finds ons voting on the action'				asive by a vote equal to or l.2)

	Use of "Not	Х	lt is mutually significant".	agreed upon to term the Negative "not	GO TO "Final" subsection $\rightarrow$ (D)
	significant finding option" (check one)		It is mutually ag	reed upon to term the Negative "significant".	GO TO "Final" subsection → (C)
			Whether or not	the Negative is "not significant" is decided b	by a vote.
	Motion	The	Negative is "not	significant".	
	Motion by/2nd by	Nam	ne (Company)/Na	ame (Company)	
	Vote		XX-XX; Motion	passed with simple majority	GO TO "Final" subsection → (D)
	Vole		XX-XX; Motion	failed with simple majority	GO TO "Final" subsection → (C)
			(A)	withdrawn (counted under <b>h</b> in dispositio	n)
			<b>(B)</b>	not related (counted under i in dispositio	n)
_	(check if		(C)	related and not persuasive (significant)	
Final	applicable)	Х	<b>(D)</b>	not significant (counted under <b>j</b> in dispos	ition)
=			<b>(E)</b>	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS
			(F)	addressed by Technical Change (counte	ed under <b>k</b> disposition)
	(check if applicable)		Comment gene	rated. See Section V-(ii) Comment # X.	

#### Negative 4 of Voting Interest Reject 1- Voter Reject 1

A *TF/TC Chapter to fill in including text in the ballot if necessary.	
--	--

						_		
				Originator ID	Originator ID and Respond	<u>Originator ID Specified</u>	Host Originated	
			<u>Responder II</u>		<u>(Default)</u> 0x00 <sup>#1</sup>	0x01 <sup>#1</sup> ~0xFE <sup>#1</sup>	0xFF#1	-
			<u>Responder</u> <u>ID Not</u> Specified	<u>0x00#</u>	For HC     Communication between	<ul> <li>For HC</li> <li>Communication between</li> </ul>	For VC     Communication between	the
			<u>(Default)</u>	, ,	adjacent equipment Propagation of the message is not allowed.	adjacent equipment where Equipment ID of Responder is unknown	<ul> <li><u>host and equipment</u></li> <li><u>Host originated</u></li> </ul>	
			<u>Responder</u>	<u>0x01<sup>#1</sup>~0xFE<sup>#1</sup>)</u>	• For HC	<ul> <li>Propagation of the message is not allowed.</li> <li>For HC</li> </ul>	> For VC	_
	Referenced Section/		<u>ID Specified</u>		<ul> <li><u>Communication between</u> <u>adjacent equipment where</u> <u>Equipment ID of Originator</u></li> </ul>	<ul> <li><u>Communication between</u> <u>specified equipment</u></li> <li>Propagation of message by</li> </ul>	Communication between host and equipment with Equipment ID	the
	Paragraph			>	is not set. Propagation of the message is not allowed.	Propagator is required	<ul> <li><u>Host originated</u></li> <li><u>For HC</u></li> <li>Communication between</li> </ul>	
							equipment in the host position and the specified equipment beyond adjace	1
							<ul> <li><u>equipment</u></li> <li><u>Propagation of message to</u> Propagator is required</li> </ul>	
			<u>Broadcast /</u> <u>Back to the</u> Host	<u>0x开开***</u>	For VC     Communication between the     bot and aminomethe	<ul> <li>For HC</li> <li>Broadcast from specified</li> </ul>	<ul> <li>For HC</li> <li>Broadcast from equipment</li> </ul>	ntin
			22002	, , , , , , , , , , , , , , , , , , ,	host and equipment - Equipment originated	equipment  Propagation of message by Propagator is required	<ul> <li>the host position</li> <li>Propagation of message b Propagator is required     </li> </ul>	you and a second s
						<ul> <li>For VC</li> <li>Communication between the host and equipment with</li> </ul>		
			#1 flx means th	e value follows is h	exadecimal	Equipment ID Equipment originated		
		_	nal comple			ue, justification, s	uggestion) sho	ould be
			10 shows			nmunication mod		
	Negative Text	to VC	and the do	o NOT be	long into this HC	message propaga specification doe	cument, and as	VC does
	negative rext	not us be inc		ipmentID	for identification	of the communio	cation peer they	/ appear to
						d left column and tandard docume		
		(besid	e the othe	r pink co	lored cells).			
TF	input (optional)						GO TO "Relate	od"
	Withdrawal		0		al made by Voter.		subsection	
	(check one)		M/DD/YYY		received by Stand	bards staff on	GO TO "Final' subsection →	(A)
	Motion and	X 'R	elated' is r	nutually a	greed upon. <mark>(Nee</mark>	ds no Motion.)	GO TO " subsection	Persuasive"
				not related	. (Needs ≥2/3 vo	tes to pass.)		
	Reason	N	egative is r	lot related				
Reli			egative is r eason		xxx			
Related	Reason	R	0		xxx			
Related	Reason (check one) Motion by/2nd	R	eason		xxx			

	Result of Vote	[Negative is not re	elated.] <2/3		GO TO "Persuasive" subsection
	(check one)	2/3≤ [Negative is	not related.]		GO TO "Final" subsection <del>→</del> (B)
		X Negative is relate	d and persuasive. (I	Needs >1/3 votes	to pass.)
	Motion and	Negative is relate	d and not persuasiv	e. <mark>(Needs ≥2/3 vo</mark>	otes to pass.)
Pe	Reason (check one)	Reason	equipment, a adjacent equ reactions of a Regarding VC	nd Propagator is lipment. Message djacent equipment	n the voter is persuasive.
Persuasive	Motion by/2nd by	Katsuyoshi Takahashi			wa (Yokogawa Solution Service)
sive	Discussion	None.			
		8-0; Motion passed.			
	Result of Vote	>1/3	ed and persuasive.]	Change Recommended	Y GO TO "Address by Technical Change Option" subsection
	(check one)	nersuasive 1 - 2/3	related and not	(Y/N)	GO TO "Final" subsection → (E)
		2/3≤ [Negative i persuasive.] <90%	s related and not	GO TO "Final" s	ubsection $\rightarrow$ (C)
		90% ≤ [Negative persuasive.]	is related and not	GO TO "Not Sigr subsection	nificant Finding Option"
A	Technical Chang	e Recommended by	the TF		
Address by	Note: Original se "TO" fields.	ection/paragraph num	iber and at least or	ne full sentence a	re required in "FROM" and

			mbinations for HC are c			io	n line connected by
Ta	ble 10 <u>(</u>	Combinatio	ns of Originator ID and F	<u>Resp</u>	onder ID		
	<u> </u>	riginator ID	Originator ID Not Specified	<u>c</u>	Driginator ID Specified		Host Originated
			<u>(Default)</u>				
<u>Re</u>	<u>sponder IL</u>	2	<u>0x00<sup>#1</sup></u>		$0x01^{\#1} \sim 0xFE^{\#1}$		$0xFF^{\#1}$
Re	<u>sponder</u>	<u>0x00<sup>#1</sup></u>	➢ <u>For HC</u>	> <u>F</u>	or HC	≻	For VC
<u>ID</u>	<u>Not</u>		Communication between	> <u>C</u>	ommunication between	>	Communication between t
<u>Sp</u>	<u>ecified</u>		adjacent equipment	ac	ljacent equipment where		host and equipment
_0	<u>Default)</u>		Propagation of the message	E	quipment ID of Responder	>	Host originated
			is not allowed.	is	unknown.		
				► <u>P</u>	ropagation of the message		
				is	not allowed.		
<u>Re</u>	<u>sponder</u>	$0x01^{\#1} \sim 0xFE^{\#1}$	≻ <u>For HC</u>	≻ <u>F</u>	or HC	>	For VC
<u>ID</u>	<u>Specified</u>		Communication between	≻ <u>C</u>	ommunication between	>	Communication between t
			adjacent equipment where	sp	ecified equipment		host and equipment with
			Equipment ID of Originator	≻ <u>P</u>	opagation of message by		Equipment ID
			<u>is not set.</u>	<u>P</u> 1	ropagator is required	>	Host originated
			Propagation of the message			>	For HC
			is not allowed.			>	Communication between
							equipment in the host
							position and the specified
							equipment beyond adjacen
							equipment
						٨	Propagation of message by
							Propagator is required
<u>Br</u>	oadcast /_	<u>0xFF<sup>#1</sup></u>	➢ <u>For VC</u>	≻ <u>F</u>	or HC	>	For HC
Ba	ck to the		Communication between the	≻ <u>B</u>	roadcast from specified	۶	Broadcast from equipment
He	<u>ost</u>		host and equipment	<u>ec</u>	<u>uipment</u>		the host position
			Equipment originated	≻ <u>P</u>	opagation of message by	۶	Propagation of message by
				<u>P</u> 1	copagator is required		Propagator is required
				≻ <u>F</u>	or VC		
				> <u>C</u>	ommunication between the		
				ho	ost and equipment with		
				E	quipment ID		
				> <u>E</u>	quipment originated		

#### TO: Section/Paragraph

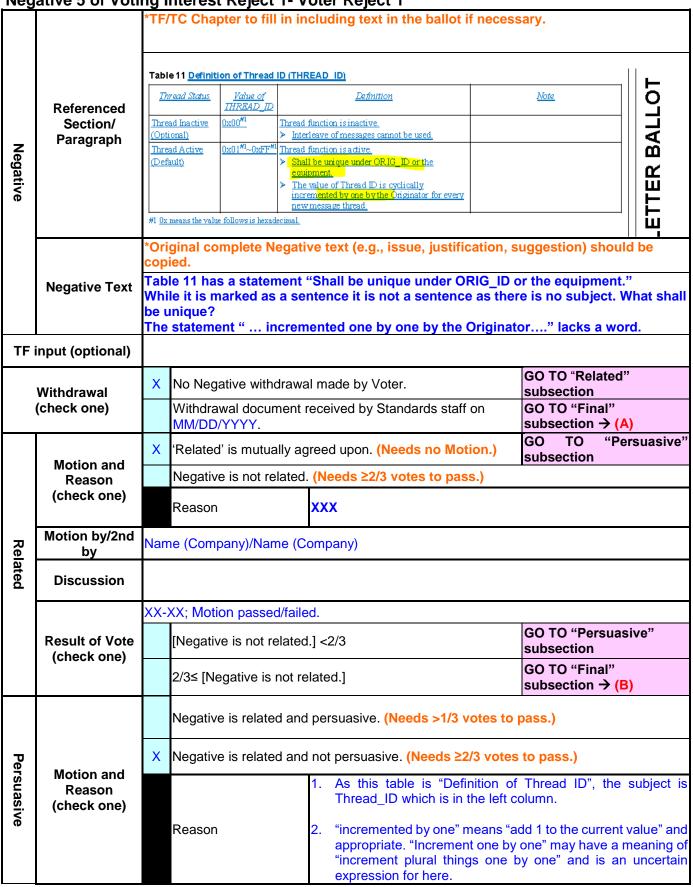
7.4.1.3 Originator Responder Combinations — The following table shows Originator-Responder combinations. The combinations for HC are coexistent in one production line connected by HCs. The combinations for VC are not part of the requirements but references for comparison between HC applications and possible VC applications.

#### Table 10 Combinations of Originator ID and Responder ID

Ox01#1~OxFE#1         or HC         ommunication between_         jacent equipment where_         uupment ID of Responder.         unknown.         opagation of the message         not allowed.         or HC         ommunication between_         ecified equipment         opagation of message by_         opagator is required	OxFF#1         For VC#2         Communication between host and equipment         Host originated         For VC#2         Communication between host and equipment with Equipment ID         Host originated         For HC
ommunication between_ jacent equipment where. uipment ID of Responder unknown. opagation of the message not allowed. or HC ommunication between ecified equipment opagation of message by_	<ul> <li>Communication between host and equipment</li> <li>Host originated</li> <li>For VC<sup>#2</sup></li> <li>Communication between host and equipment with Equipment ID</li> <li>Host originated</li> <li>For HC</li> </ul>
	<ul> <li><u>Communication between</u> equipment in the host position and the specifie equipment beyond adjac equipment</li> <li>Demonstration for the specifies</li> </ul>
rr HC oadcast from specified uipment opagation of message by opagator is required or VC <sup>#2</sup> ommunication between the st and equipment with uipment ID	<ul> <li>Propagation of message Propagator is required</li> <li>For HC</li> <li>Broadcast from equipme the host position</li> <li>Propagation of message Propagator is required</li> </ul>
	adcast from specified ipment pagation of message by pagator is required VC#2 nmunication between the t and equipment with

	TO: Section/Paragraph xxx											
		Justific	Justification (If necessary)									
	Motic	n		Ne	Negative is addressed by the Technical Change.							
	Motion by/2nd by				Katsuyoshi Takahashi (Mitsubishi Electric)/ Takashi Nakagawa (Yokogawa Solution Service)							
	Discussion			No								
				8-0	; Mot	i <mark>on</mark> p	assed.					
	Result of Vote ( one)		(che	ck X		≤ [Ne nge.]	gative is addressed by the Technical	GO TO "Incorporation of the Technical Change" subsection				
							e is not addressed by the Technical < 2/3	GO TO "Final" subsection <del>→</del> (E)				
		Motion					te the Technical Change.					
	Incorporation of the Technical Change	Motion by/	2nd		Katsuyoshi Takahashi (Mitsubishi Electric) / Takashi Nakagawa (Yokogawa Solution Service)							
	pora	Discussior	No	ne.								
	tion Il Ch			8-0	; Moti	on pa	assed.					
	of th ange	Result of Vote (check one)			90%	5 ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)				
	Þ	-		-	-	e to incorporate.]>10%	GO TO "Final" subsection → (E)					
							C Chapter finds a Negative not persuged on the action". ( <i>Regulations</i> ¶ 9.6.4					
·	Us				is mutually agreed upon to term the Negative "not GO TO "Final" subsection gnificant". $\rightarrow$ (D)							
	significant finding option" (check one)			lt is mut	ually	agree	ed upon to term the Negative "significant	. <mark>⊖ (C)</mark> ". <mark>→ (C)</mark>				
	-	-		Whethe	r or n	ot the	e Negative is "not significant" is decided	by a vote.				
		Notion	The	Negativ	egative is "not significant".							
	Moti	on by/2nd by	Nam	ne (Com	pany)	/Nam	ne (Company)					
		Vote		xx-xx;	Motic	on <mark>pa</mark>	ssed with simple majority	GO TO "Final" subsection $\rightarrow$ (D)				
		VOLE		xx-xx;	Motic	on <mark>fa</mark> i	led with simple majority	GO TO "Final" subsection $\rightarrow$ (C)				
				(	(A)		withdrawn (counted under <b>h</b> in dispositi	on)				
				(	(B)		not related (counted under i in disposition	on)				
1		heck if		(	(C)		related and not persuasive (significant)					
!	ар	plicable)		(	(D)		not significant (counted under <b>j</b> in dispo	sition)				
-					(E)		related and persuasive and not addressed by Technical Change	DOCUMENT FAILS				
			Х		(F)		addressed by Technical Change (count	ed under k disposition)				
	•	heck if: plicable)				nerat		(F) Jaddressed by Technical Change (counted under K disposition) mment generated. See Section V-(ii) Comment # X.				

#### Negative 5 of Voting Interest Reject 1- Voter Reject 1



	Moti	ion b	by/2nd y	Takahashi Katsuyoshi (Mitsubishi Electric) / Takeo Yamaki (Yokogawa Solution Service)								
	Dis	scu	ssion	None.								
				8-0; Mo	0; Motion passed.							
				[Ne >1/	-	e is related and pers	uasive.]	ls a Technical Change Recommended	Y	GO TO "Address by Technical Change Option" subsection		
	Result of Vote (check one)				egative rsuasi	1 - 2/3		$(\mathbf{Y}/\mathbf{N})$	Ν	GO TO "Final" subsection <del>→</del> (E)		
				2/3 per	3≤ [N∉ rsuasi	egative is related a	and not	GO TO "Final" s	subsection → (C)			
	<b>y</b> 90				% ≤ [N rsuasi	legative is related an ve.]	d not	GO TO "Not Sigr subsection	nific	ant Finding Option"		
	Tech	nic	al Chang	je Reco	mmer	nded by the TF						
	Note: Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.									equired in "FROM" and		
			FROM:	Section	/Parag	graph XXX						
		1	TO: Sec	tion/Pa	ragra	agraph XXX						
	Technical Change		Justific	cation (If necessary)								
	nical C		FROM:	Section/Paragraph XXX								
Add	han		TO: Se	ction/Pa	araara	nh vyy						
lress l	ge	2	10. 56		aragra							
Address by Technical			Justific	ation (I	f nece	essary)						
hnica	Motic	on			Negative is addressed by the Technical Change.							
<u>Ω</u>	Motio	on b	by/2nd b	у	Nam	Name (Company)/Name (Company)						
hange Option	Discu	ıss	ion									
Opti					XX->	XX-XX; Motion passed/failed.						
ion	Resu	ilt c	of Vote one)	(check		2/3≤ [Negative is ad Change.]		-		GO TO "Incorporation of the Technical Change" subsection		
		1				[Negative is not addr Change.] < 2/3	essed b	y the Technical		GO TO "Final" subsection <del>→</del> (E)		
	_		otion		To ir	ncorporate the Tech	nical Ch	nange.				
	Inco Tec		otion by/		Nam	e (Company)/Name	(Compa	ny)				
	rpora hnica	Dis	scussior	1								
	ation al Ch				XX->	<pre>KX; Motion passed/fa</pre>	iled.					
	Incorporation of the Technical Change		Result o			90% ≤ [Agree to inco	orporate.	]		GO TO "Final" subsection → (F)		
	Ŭ.			heck one)		[Disagree to incorpo	rate.]>10	0%		GO TO "Final" subsection → (E)		

				e TC Chapter finds a Negative not persu ting on the action". ( <i>Regulations</i> ¶ 9.6.4.4	
Not	Use of "Not	x	It is mutually significant".	agreed upon to term the Negative "not	GO TO "Final" subsection → (D)
Not Significant Finding Option	significant finding option" (check one)		It is mutually ag	greed upon to term the Negative "significant".	GO TO "Final" subsection → (C)
t Finding			Whether or not	t the Negative is "not significant" is decided b	by a vote.
	Motion	The	Negative is "no	t significant".	
Optio	Motion by/2nd by	Nan	ne (Company)/N	lame (Company)	
л 	Vete		XX-XX; Motion	passed with simple majority	GO TO "Final" subsection → (D)
	Vote		XX-XX; Motion	failed with simple majority	GO TO "Final" subsection → (C)
			(A)	withdrawn (counted under <b>h</b> in dispositio	n)
			(B)	not related (counted under i in dispositio	n)
-	(check if		(C)	related and not persuasive (significant)	
Fina	applicable)	Х	(D)	not significant (counted under <b>j</b> in dispos	ition)
			(E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS
			(F)	addressed by Technical Change (counte	ed under <b>k</b> disposition)
	(check if applicable)		Comment gene	erated. See Section V-(ii) Comment # X.	

#### Negative 6 of Voting Interest Reject 1- Voter Reject 1

Ne gati		*TF/TC Chapter to fill in including text in the ballot if necessary.
------------	--	--

		DH REV DH T SIG	_	<u>D7</u> <u>0</u> DH RDY	D6 0 DH ERR	D5 0 DH RST	<u>p: Type of</u> <u>D4</u> <u>0</u>	ieach bit is <u>D3</u> <u>0</u>	<u>BOOL</u> <u>D2</u> <u>0</u>	<u>D1</u> 0 0	D0 0 GD RDY	<u>Note</u> Revision No.	
	Referenced Section/ Paragraph	<u>Byte Name</u> <u>DH REV</u> DH A SIG	<u>Byte</u> <u>Order</u>	D7 Q DH RDY	<u>D6</u>	<u>Bit Mar</u> <u>D5</u> <u>0</u>		each bit is <u>D3</u> <u>0</u> <u>0</u>		<u>D1</u> 0 0	<u>D0</u> <u>0</u> <u>GD_RCV</u>	<u>Note</u> Revision No.	
		Table 28 4	DH_ERI	DS DH_RST	Dorto Ho Dot	ata Hands anichalm Br D2	Tir	CD_	<del>CD</del>	NA RCV (	Direction <sup>#1</sup> DSC-DR DS-3DR	<del>licte</del>	
		copied. Section there ha In additi	7.7.2. d bee on, th	.1 now en 1 By ne prop ke as n	seem /te onl posed ow the	s to de ly befo chang e GD_F	efine 2 re. Je doe RDY a	Bytes s not nd GD	s DH. allow f D_RCV	This for e. ′ both	change .g. hard h use D		npatibility as
TFi	input (optional)										C		ted"
	Withdrawal (check one)	No Negative withdrawal made by Voter.     Withdrawal document received by Standards staff on						n C	GO TO "Related" subsection GO TO "Final" subsection → (A)				
	Motion and	X 'Rel	ated'	is mutu	ally aç	greed u	ipon. (	Needs	s no M	otior		GO TO Subsection	"Persuasive
	Reason (check one)	Neg	ative	is not r	elated	(Need	ds ≥2/	3 vote	es to pa	ass.)			
		Rea	son			XXX							
Rel	Motion by/2nd by	Name (C	ompa	any)/Na	ame (C	ompan	ıy)						
Related	Discussion												
		XX-XX; I									C	GO TO "Pers	suasive"
	Result of Vote (check one)									subsection			

					Negative is related a	nd persuasive. (I	Needs >1/3 votes	s to	pass.)	
				х	Negative is related a	nd not persuasiv	e. <mark>(Needs ≥2/3</mark> v	otes	to pass.)	
Persuasive	Motion and Reason (check one)				Reason	compatibi TF decid necessary 2. Assignme allows ha different a input, the	addition of "Revision No." is significant to improve atibility management for implementation in the future. accided that a change that breaks compatibility is sary for improvements. An ent of both GD_RDY and GD_RCV on D0 still hardwire implementation as they are assigned to nt addresses and are different in direction; one is an the other is an output and they can even share the bit of the same address.			
tsive	Mot	ion b	by/2nd y	Kats	uyoshi Takahashi (Mi	itsubishi Electric)	/ Takashi Nakaga	awa	(Yokogawa Solution Service)	
	Di	scu	ssion	Non	e.					
				8-0;	Motion passed.					
	X				[Negative is related a >1/3		Recommended		GO TO "Address by Technical Change Option" subsection	
					[Negative is rela persuasive.] <2/3		$(\mathbf{V}/\mathbf{N})$		GO TO "Final" subsection <del>→</del> (E)	
					2/3≤ [Negative is r persuasive.] <90%					
				х	90% ≤ [Negative is re persuasive.]	elated and not	GO TO "Not Sig subsection	nific	ant Finding Option"	
		: Or	iginal se Ids.	ectio	ecommended by the n/paragraph number ion/Paragraph XXX		ne full sentence a	are r	required in "FROM" and	
Addre			TO: Sec	tion	/Paragraph XXX					
SS	Te	1								
уу Те	Technical				n (If necessary)					
chnical	cal Change		FROM: \$	Sect	ion/Paragraph XXX					
by Technical Change Option	Inge	2	TO: Sec	ction	/Paragraph xxx					
e Optio			Justific	atior	n (If necessary)					
'n	Moti	on			Negative is addr	essed by the Teo	chnical Change.			
	Moti	on k	y/2nd by	y	Name (Company	/)/Name (Compa	iny)			
	Disc	ussi	on							
					XX-XX; Motion p	bassed/failed.				

	Resu	It of Vote	(ch	eck		2/3≤ [Ne Change.]	gative is addressed by the Technical	GO TO "Incorporation of the Technical Change" subsection			
		one)				[Negative Change.]	e is not addressed by the Technical < 2/3	GO TO "Final" subsection → (E)			
		Motion			To i	ncorporat	e the Technical Change.				
	Inc Te	Motion by/	2nd I	by	Nam	Name (Company)/Name (Company)					
	Incorporation of the Technical Change	Discussion									
				XX-XX; Motion passed/failed.							
	n of th hange	Result o					gree to incorporate.]	GO TO "Final" subsection $\rightarrow$ (F)			
	9	(check one)				[Disagree	e to incorporate.]>10%	GO TO "Final" subsectior → (E)			
							C Chapter finds a Negative not persu g on the action". ( <i>Regulations</i> ¶ 9.6.4.4				
Note	Us	Use of "Not			s mu nificar		reed upon to term the Negative "no	→ (D)			
Not Cianificant Einding Ontion	significant finding option" (check one)			lt is	mutu	ally agree	ed upon to term the Negative "significant"	GO TO "Final" subsectior . → (C)			
÷ 				Whe	ether	or not the	e Negative is "not significant" is decided b	by a vote.			
2	I	Notion	The	Neg	ative	is "not si	gnificant".				
0.54	Moti	on by/2nd by	Nam	ne (C	Comp	any)/Nam	ne (Company)				
,		Vote		XX-	XX; I	Motion <mark>pa</mark>	ssed with simple majority	GO TO "Final" subsection $\rightarrow$ (D)			
		VOLE		XX-	XX; I	Motion fai	ed with simple majority	GO TO "Final" subsection $\rightarrow$ (C)			
					(4	A)	withdrawn (counted under <b>h</b> in dispositio	on)			
					(	В)	not related (counted under i in dispositio	n)			
		heck if			(	C)	related and not persuasive (significant)				
	ар	plicable)	Х		(	D)	not significant (counted under <b>j</b> in dispos	sition)			
-						E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS			
					(	F)	addressed by Technical Change (counter	ed under <b>k</b> disposition)			
		(check if applicable) Comment generated. See Section V-(ii) Comment # X.									

# Disposition of Voting Interest Reject 1

6	Original number of Negatives	(g)
0	# of Negatives withdrawn	(h)
0	# of Negatives found not related	(i)
5	# of Negatives found not significant	(j)
1	# of Negatives addressed by Technical Change (Negative becomes not significant)	(k)

A&R Ballot Report Template (Line Item) Revision 1.2

	х	<b>g</b> - ( <b>h</b> + <b>i</b> + <b>j</b> + <b>k</b> ) = 0	Reject <b>is Not Valid and is not</b> included in the denominator of § VII. <i>Approval Conditions Check</i>				
Final		<b>g</b> - ( <b>h</b> + <b>i</b> + <b>j</b> + <b>k</b> ) >0	Reject <b>is</b> included in the denominator of § VII. <i>Approval Conditions Check</i>				
		Reject without a Negative	Not Valid				

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3) Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.4.4.2)

# **IV. Other Technical Issues**

There are no Other Technical Issues on Line Item 2 of #6329.

#### V. Comments V- (i) Voters' Comments Commenter 1 (Jan Altiveros / Tesec Inc.) - Comment 1

	*TF	/TC Chapte	er to fill in, if necessary.							
C.	Dat	Data 'Brock' corrected to 'Block'								
Comment										
enf										
	The	e TC Chapt	ter agreed to do one of the following actions.							
	*Nc	*No motion is required in this step.								
A		Already addressed by Commenter #, Comment #								
Action	Х	No further	her action was taken by the TC Chapter.							
Γ		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 in <u>§ VI. Summary of Editorial Changes</u> .							
		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.							
Editoria	1	FROM: S	ection/Paragraph xxx							
vrial	•	TO: Section/Paragraph xxx								

		Justificatio	on (If necessary)						
		FROM: Section/Paragraph xxx							
	2	TO: Section/Paragraph xxx							
		Justification (If necessary)							
м	otion		To approve above editorial change(s)						
М	otion	by/2nd by	Name (Company)/Name (Company)						
D	iscus	sion	XXXX						
V	ote		XX-XX; Motion passed/failed.						

# V-(ii) Comments Created by handling Negative There is no Comments Created by handling Negative on Line Item 2 of #6329.

VI. Editorial Changes other than those dealt with in Section V. Note: Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.

1	Origin of ti (Check on	his editorial change e)	х	Hoffmann, Christian / The statement "Identifiers which manages addressing…" is unclear as it mixes singular and plural in addition. Other [ ]					
	FROM: Section/Paragraph Table 3 General Data Format (G_DATA) Identifiers which manages addressing of the message.								
	TO: Section/Paragraph Table 3 General Data Format (G_DATA) Identifiers which manage <mark>s</mark> addressing of the message.								
	Justification: (If necessary)								
	Origin of t	his editorial change		Commenter(s) / Comment(s) #					
	(Check one)			Other [ ]					
2	FROM: Section/Paragraph XXX								
	TO: Secti	TO: Section/Paragraph XXX							
	Justificat	Justification: (If necessary)							
ľ	Notion	To approve the above	/e ec	litorial change(s).					
Mot	ion by/2nd by	Katsuyoshi Takahas Service)	shi (	Mitsubishi Electric) / Takashi Nakagawa (Yokogawa Solution					
Dis	scussion	None.							
	Vote	8-0; Motion passed							

# 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* ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.7.1.3)

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)

Χ

See § 9.7.2 of the *Regulations* for further information

Line Item 2 meets the Letter Ballot Approval Conditions for the global technical committee

Line Item 2 meets the Letter Ballot Approval Conditions for the TC Chapter and a Ratification Ballot will be issued to verify Technical Changes

# Line Item 3 Adjudication

# II. Tally (Standards staff to fill in)

#### Voting Tally: As-cast tally after close of voting period

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*  $\P$  9.7.1.1)

Voting Tally :

Voting Interest:	<b>Returned Votes</b>		Distribution		Return Rate	
Letter Ballot	67	÷	÷ 103		65.0%	>=60%
Intercommittee Ballot	34					
Voting Interest Reject(s)	1	]	Total	Vote	rs with Rejects	1
Voting Interest Accept(s)	50	]				

# III. Rejects Voting Interest Reject 1 (Voting Interest Name: PEER Group GmbH)

# Voting Interest Reject 1- Voter Reject 1 (Voter: Hoffmann, Christian / PEER Group GmbH)

Negative 1 of Voting Interest Reject 1- Voter Reject 1

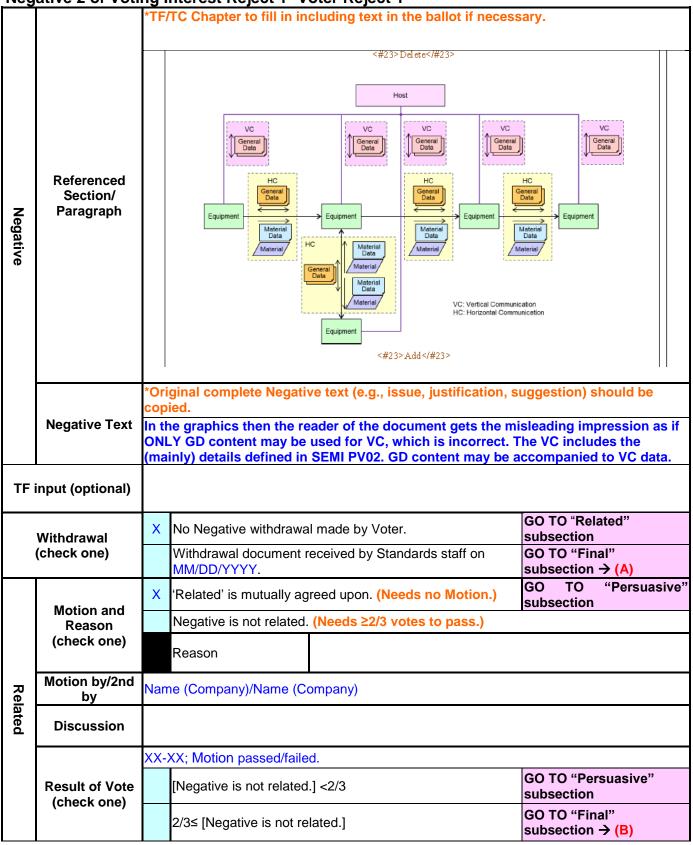
Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in including text in the ballot <#23> 7.1.1 Definition of VC — VC is a communication between the host an this Standard may be used for VC.	
ve	Negative Text	*Original complete Negative text (e.g., issue, justifi copied. 1. The wording of change #23 is unclear as it leave and misinterpretation. 2. Is the intent to state that parts of the data comm also used for VC?	s too much room for interpretation
TF i	nput (optional)		
	Withdrawal (check one)	X No Negative withdrawal made by Voter.	GO TO "Related" subsection

					Withdrawal document	received by Sta	andards staff on		GO TO "Final' subsection $\rightarrow$		
	Motion and Reason		х	'Related' is mutually ag	reed upon. <mark>(N</mark>	eeds no Motion.)		GO TO " subsection	Persuasive"		
				Negative is not related	(Needs ≥2/3	votes to pass.)					
	(ch	eck	( one)		Reason						
Related	Motion by/2nd by			Nar	ne () /Name (Company)						
ated	Dis	scu	ssion								
				XX-	XX; Motion passed/faile	ed.					
	Result of Vote (check one)				[Negative is not related	l.] <2/3			GO TO "Persu subsection		
					2/3≤ [Negative is not re	lated.]			GO TO "Final' subsection →		
					Negative is related and	persuasive. (I	Needs >1/3 votes	s to	pass.)		
	Mo	Motion and			X Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)						
Pe	Reason (check one)				<ol> <li>No logical reason is given.</li> <li>Question is not appropriate for negative. "General Data transfer part of this Standard" means mechanism to transfer General Data. It cannot understood as "parts of the data communicated" by Eng grammar.</li> </ol>						
Persuasive	Motion by/2nd by			Kat	Katsuyoshi Takahashi (Mitsubishi Electric) / Takeo Yamaki (Yokogawa Solution Service)						
ive	Dis	scu	ssion	Nor	None.						
				8-0;	Motion passed.						
					[Negative is related an >1/3	d persuasive.]	Is a Technical Change Recommended	Y	GO TO "Addre Technical Cha Option" subse	ange	
			of Vote		[Negative is relate persuasive.] <2/3	d and not	? (Y/N)	Ν	GO TO "Final' subsection $\rightarrow$		
	(check one)				2/3≤ [Negative is rel persuasive.] <90%	ated and not	GO TO "Final" subsection $\rightarrow$ (C)		()		
				x	90% ≤ [Negative is rela persuasive.]	nific	icant Finding Option"				
Technical Change Recommended by the TF											
Address Chan	Note: "TO"	Or fiel	iginal s ds.	ectio	ection/paragraph number and at least one full sentence are required in "FROM" and						
by ge	<u>م</u> تا		FROM:	Sect	tion/Paragraph XXX						
Technical Option	Technical Change	1	TO: Se	ection	n/Paragraph xxx						
àl	cal Je	ical	Justifi	catio	n (If necessary)						

		Π	FROM:	Sectior	n/Para	graph XX	X				
		2	TO: Se	ction/P	aragra	aph xxx					
			Justific	ation (	lf nec	essary)					
	Motion					ative is a	ddressed by the Technical Change.				
	Motion by/2nd by						any)/Name (Company)				
	Discussion										
					XX-	XX; Motic	n passed/failed.				
	Result of Vote one)		(chec			gative is addressed by the Technical	GO TO "Incorporation of the Technical Change" subsection				
			-			[Negative Change.]	e is not addressed by the Technical   < 2/3	GO TO "Final" subsection <del>→</del> (E)			
		_	tion			ncorpora	te the Technical Change.				
	Inco Tec		tion by/		Nan	Name (Company)/Name (Company)					
	rpora	Dis	scussion								
	ation al Ch				XX-	XX; Motio	n passed/failed.				
	Incorporation of the Technical Change	Result of				90% ≤ [Agree to incorporate.]		GO TO "Final" subsection $\rightarrow$ (F)			
	le }		(check one)			[Disagre	e to incorporate.]>10%	GO TO "Final" subsection → (E)			
							C Chapter finds a Negative not persuge on the action". ( <i>Regulations</i> ¶ 9.6.4.4				
Not S	Us	Use of "Not			is m gnifica		preed upon to term the Negative "not	GO TO "Final" subsection $\rightarrow$ (D)			
Significant Finding Option	findi	ng	ificant g option" I ck one)		is mut	ually agre	ed upon to term the Negative "significant".	GO TO "Final" subsection → (C)			
nt Fin	(	leck one)		W	hethe	r or not th	e Negative is "not significant" is decided b	by a vote.			
dina		Mot	ion	The Ne	egative	e is "not si	gnificant".				
Optio	Mot	ion b	by/2nd y	Name	(Comp	oany)/Nan	ne (Company)				
n		Vo	te	X	X-XX;	Motion pa	ssed with simple majority	GO TO "Final" subsection → (D)			
		•0		X	x-xx;	Motion fai	led with simple majority	GO TO "Final" subsection → (C)			
					(	A)	withdrawn (counted under <b>h</b> in dispositio	n)			
					(	B)	not related (counted under <b>i</b> in dispositio	n)			
Final			ck if		(	C)	related and not persuasive (significant)				
a	ар	рпс	able)	Х	(	D)	not significant (counted under <b>j</b> in dispos	ition)			
					(	E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS			
				(	F)	addressed by Technical Change (counte	ed under <b>k</b> disposition)				

(check if applicable)	C	Comment generated. See Section V-(ii) Comment # X.
--------------------------	---	--

#### Negative 2 of Voting Interest Reject 1- Voter Reject 1



Motion and Reason (check one)       Negative is related and not persuasive. (Needs >1/3 votes to pass.)         Motion and Reason (check one)       X       Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)         Reason (check one)       Reason       GD (General Data) defined in this Standard m whatever data to be communicated asynchronously w handoff (such as the data defined in SEMI PV02 is pv02 is not directly related to this Standard).         Motion by/2nd by       Katsuyoshi Takahashi (Mitsubishi Electric) / Takashi Nakagawa (Yokogawa Soluti by         Discussion       None,         8-0; Motion passed.       Recommended Persuasive.] <2/3         (Regative is related and persuasive.]       Sa Technical Change Persuasive.] <2/3         90% 5 (Regative is related and not persuasive.] <90%       O TO "Hola" gog% 5 (Regative is related and not persuasive.] <90%         90% 5 (Regative is related and not persuasive.] <90%       GO TO "Not Significant Finding Opti subsection → (C)         90% 5 (Regative is related and not persuasive.]       GO TO "Not Significant Finding Opti subsection         X       90% 5 (Regative is related and not persuasive.]       GO TO "Not Significant Finding Opti subsection         Y       Technical Change Recommended by the TF       Note: Original section/paragraph xxx         1       Justification (If necessary)       To: Section/Paragraph xxx         2       Justification (If necessary)         1								
(check one)       Reason       GD (General Data) defined in this Standard m whatever data to be communicated asynchronously whandoff (such as the data defined in SEMI PV02 th PV02 is not directly related to this Standard).         Motion by/2nd by       Katsuyoshi Takahashi (Mitsubishi Electric) / Takashi Nakagawa (Yokogawa Soluti Discussion None,         Besult of Vote (check one)       [Negative is related and persuasive.]       [Is a Technical Change Recommended In Persuasive.]        Y       GO TO "Address Technical Change Recommended In Persuasive.]          V/N)       [Negative is related and persuasive.]        [S a Technical Change Recommended In Persuasive.]        N GO TO "Final" subsection > (C)         2/35 [Negative is related and not persuasive.]        2/35 [Negative is related and not ? (Y/N)       N GO TO "Final" subsection > (C)         2/35 [Negative is related and not persuasive.]        90% ≤ [Negative is related and not persuasive.]        GO TO "Not Significant Finding Opti subsection > (C)         Y       90% ≤ [Negative is related and not persuasive.]        GO TO "Not Significant Finding Opti subsection         Y       90% ≤ [Negative is related and not persuasive.]       GO TO "Not Significant Finding Opti subsection         Y       90% ≤ [Negative is related and not persuasive.]       GO TO "Not Significant Finding Opti subsection         Y       90% ≤ [Negative is related and not persuasive.]       GO TO "Not Significant Finding Opti subsection         Y       90%       [Negative is re								
by Result of Vote (check one) Result of Vote (check one	th materia							
Result of Vote (check one)       [Negative is related and persuasive.]       Is a Technical Change Recommended       Y GO TO "Address Technical Change Recommended         N       GO TO "Final" subsection -> (1)       [Negative is related and not ?       N GO TO "Final" subsection -> (2)         2/3≤       [Negative is related and not persuasive.]        GO TO "Final" subsection -> (C)         2/3≤       [Negative is related and not persuasive.]        GO TO "Not Significant Finding Option" subsection -> (C)         X       90% ≤ [Negative is related and not persuasive.]       GO TO "Not Significant Finding Option" subsection         Technical Change Recommended by the TF       Note: Original section/paragraph number and at least one full sentence are required in "FRO" fields.         1       FROM: Section/Paragraph XXX       TO: Section/Paragraph XXX         4       FROM: Section/Paragraph XXX	suyoshi Takahashi (Mitsubishi Electric) / Takashi Nakagawa (Yokogawa Solution Service)							
Result of Vote (check one)       [Negative is related and persuasive.]       Is a Technical Change Recommended       Y GO TO "Address Technical Change Recommended         N       GO TO "Final" subsection -> (1)       [Negative is related and not ?       N GO TO "Final" subsection -> (2)         2/3≤       [Negative is related and not persuasive.]        GO TO "Final" subsection -> (C)         2/3≤       [Negative is related and not persuasive.]        GO TO "Not Significant Finding Option" subsection -> (C)         X       90% ≤ [Negative is related and not persuasive.]       GO TO "Not Significant Finding Option" subsection         Technical Change Recommended by the TF       Note: Original section/paragraph number and at least one full sentence are required in "FRO" fields.         1       FROM: Section/Paragraph XXX       TO: Section/Paragraph XXX         4       FROM: Section/Paragraph XXX								
Result of Vote (check one)       Invegative is related and persuasive.] >1/3       Change Recommended (Negative is related and not persuasive.] <2/3       Change Recommended (Y/N)       Technical Change N GO TO "Final" subsection > (C)         2/35       [Negative is related and not persuasive.] <90%       GO TO "Final" (Y/N)       Subsection > (C)         X       90% ≤ [Negative is related and not persuasive.]       GO TO "Not Significant Finding Opti subsection         Technical Change Recommended by the TF       Note: Original section/paragraph number and at least one full sentence are required in "FRO "TO" fields.         Image: Comparison of the comparison								
(check one)	ge							
Persuasive.] <90%	.)							
X       90% ≤ [Negative is related and not persuasive.]       GO TO "Not Significant Finding Optisubsection         Technical Change Recommended by the TF       Note: Original section/paragraph number and at least one full sentence are required in "FRO "TO" fields.         FROM: Section/Paragraph XXX       I         To: Section/Paragraph xxx       Justification (If necessary)         FROM: Section/Paragraph XXX								
Technical Change Recommended by the TF         Note: Original section/paragraph number and at least one full sentence are required in "FRO "TO" fields.         Image: Top of the section of the sectin of the section of the section of the section of the s	on"							
Address     FROM: Section/Paragraph XXX       To: Section/Paragraph xxx       Justification (If necessary)       FROM: Section/Paragraph XXX								
Address FROM: Section/Paragraph XXX FROM: Section/Paragraph XXX	<b>∕</b> I" and							
Address 0 FROM: Section/Paragraph XXX								
Y       To: Section/Paragraph xxx         Justification (If necessary)         Motion       Negative is addressed by the Technical Change.								
Image     Justification (If necessary)       Motion     Negative is addressed by the Technical Change.								
a       Justification (If necessary)         Grange       Motion         Negative is addressed by the Technical Change.								
Motion Negative is addressed by the Technical Change.								
	Negative is addressed by the Technical Change.							
Og         Motion by/2nd by         Name (Company)/Name (Company)	Name (Company)/Name (Company)							
XX-XX; Motion passed/failed.	ration of							
Result of Vote one)(check 2/3≤ [Negative is addressed by the Technical Change.]GO TO "Incorpo the Technical Subsection								
[Negative is not addressed by the Technical GO TO "Final" Change.] < 2/3 subsection → (	)							
Motion     To incorporate the Technical Change.       Motion by/2nd by     Name (Company)/Name (Company)								

	Discussior	)						
			XX-XX; Mo	otion passed/failed.				
	Result o		90% ≤	[Agree to incorporate.]	GO TO "Final" subsection → (F)			
	(check	-		gree to incorporate.]>10%	GO TO "Final" subsection → (E)			
	This option can greater than 90%	suasive by a vote equal to or 4.4.2)						
Not	Use of "Not		s mutually hificant".	agreed upon to term the Negative "r	ot GO TO "Final" subsection → (D)			
Not Significant Finding Option	significant finding option" (check one)	lt is	mutually aç	greed upon to term the Negative "significar	GO TO "Final" subsection → (C)			
nt Fin	х <i>у</i>	Whether or not the Negative is "not significant" is decided by a vote.						
ding	Motion	The Neg	Negative is "not significant".					
Optio	Motion by/2nd by	Name (C	e (Company)/Name (Company)					
л	Veto	XX-	XX; Motion	passed with simple majority	GO TO "Final" subsection → (D)			
	Vote	XX-	XX; Motion	failed with simple majority	GO TO "Final" subsection → (C)			
			(A)	withdrawn (counted under <b>h</b> in disposi	tion)			
			<b>(B)</b>	not related (counted under i in disposit	tion)			
_	(check if		(C)	related and not persuasive (significant				
Final	applicable)	Х	(D)	not significant (counted under <b>j</b> in disp	osition)			
<u> </u>			(E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS			
			(F)	addressed by Technical Change (cour	nted under <b>k</b> disposition)			
	(check if applicable)	Cor	nment gene	erated. See Section V-(ii) Comment # X.				

#### Negative 3 of Voting Interest Reject 1- Voter Reject 1

Referenced Section/ Paragraph egative		*TF/TC Chapter to fill in including text in the ballot if necessary.							
e	Negative Text	copi The	ginal complete Negative text (e.g., issue, justification, ed. Note added to 7.2. is superfluous and misleading. The prevent the user from using any information element	e standard document shall					
TF i	input (optional)								
Withdrawal		drawal 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. (Ne	eeds no Motion.)		GO TO subsection	"Persuasive"					
		otioi Reas	n and son		Negative is not related.	(Needs ≥2/3 v	votes to pass.)								
	(ch	neck	one)		Reason										
Re	Mot	ion by	by/2nd /	Name (Company)/Name (Company)											
Related	Di	scu	ssion												
				XX-2	XX-XX; Motion passed/failed.										
			of Vote cone)		[Negative is not related		GO TO "Per subsection	suasive"							
					2/3≤ [Negative is not re		GO TO "Fina subsection								
					Negative is related and	persuasive. (N	leeds >1/3 votes	to I	pass.)						
				x	Negative is related and	not persuasive	e. <b>(Needs ≥2/3 vo</b>	otes	to pass.)						
	Motion and Reason (check one)				Reason	There is NO Material Handoff action between the host and equipment as the host is NOT a production equipment. Track Information defined in this Standard is for Material Handoff and is not required for the host connection. There is no restriction to contain "data of material" in GD for VC. Any data can be contained in VC.									
Persuasive							ormation channel material flow.	is n	ot used on V	C, because VC					
asive	Motion by/2nd by			Katsuyoshi Takahashi (Mitsubishi Electric) / Hiroyuki Ao (FUJI)											
	Di	scu	ssion	None.											
					8-0; Motion passed.										
					[Negative is related and >1/3	d persuasive.]	Change Recommended	ř	Technical C Option" sub	hange					
			of Vote ( one)		[Negative is related persuasive.] <2/3				GO TO "Fina subsection	-					
					2/3≤ [Negative is rela persuasive.] <90%	ated and not	GO TO "Final" s	ubs	section $\rightarrow$ (C)						
				x	90% ≤ [Negative is rela persuasive.]	GO TO "Not Sigr subsection	GO TO "Not Significant Finding Option" subsection								
	Tech	nica	al Chang	je Re	ecommended by the TI	F									
Address Chan	Note "TO"			ectio	n/paragraph number a	nd at least on	e full sentence a	are r	required in "F	FROM" and					
by ge	<u>م</u> ۲		FROM:	Sect	ion/Paragraph XXX										
Technical Option	Technical Change	1	TO: Se	ction	n/Paragraph xxx										
à	je I		Justific	atio	n (If necessary)										

			FROM:	Sectior	n/Para	graph XX	XX							
		2	TO: Se	ction/P	aragra	aph xxx								
			Justific	cation (	lf nec	necessary)								
	Motic	on			Neg	ative is a	ddressed by the Technical Change.							
	Motic	on k	oy/2nd b	у	Nan	ne (Comp	any)/Name (Company)							
	Discu	ıssi	ion											
						XX-XX; Motion passed/failed.								
	Result of Vote (check one)		k	2/3≤ [Negative is addressed by the Technical		GO TO "Incorporation of the Technical Change" subsection								
						[Negative Change.	e is not addressed by the Technical ] < 2/3	GO TO "Final" subsection <del>→</del> (E)						
	_		otion		To i	ncorpora								
				Nan	ne (Comp	any)/Name (Company)								
	rpora hnica	Dis	scussior	ו										
	☑ □ □ Incorporation of the Technical Change	-			XX-	XX; Motic	n passed/failed.							
			Result o			90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection $\rightarrow$ (F)						
			(check	-			e to incorporate.]>10%	GO TO "Final" subsection → (E)						
							TC Chapter finds a Negative not persua g on the action". ( <i>Regulations</i> ¶ 9.6.4.4							
Not S			f "Not		is m gnifica		greed upon to term the Negative "not	→ (D)						
ignificant Finding Option	findi	gnificant ing option" heck one)		lt i	is mut	ually agre	ed upon to term the Negative "significant".	GO TO "Final" subsection → (C)						
+ Fin	•		,	W	hethe	ether or not the Negative is "not significant" is decided by a vote.								
dina			ion	The Ne	egative is "not significant".									
Ontio	Moti	ion bj	by/2nd y	Name	(Comp	oany)/Nan	ne (Company)							
5		Vo		X	X-XX;	Motion pa	ssed with simple majority	GO TO "Final" subsection → (D)						
				X	x-XX;	Motion fai	led with simple majority	GO TO "Final" subsection → (C)						
					(	A)	withdrawn (counted under <b>h</b> in dispositio	n)						
					(	В)	not related (counted under <b>i</b> in dispositio	n)						
Final			ck if able)		(	C)	related and not persuasive (significant)							
<u> </u>	ар	μια	aulej	Х	(	D)	not significant (counted under <b>j</b> in dispos	ition)						
						<b>E)</b>	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS						
					(	F)	addressed by Technical Change (counte	ed under <b>k</b> disposition)						

#### **Disposition of Voting Interest Reject 1**

3	Original number	r of N	egatives		(g)					
0	# of Negatives v	withd	rawn		(h)					
0	# of Negatives found not related (i)									
3	# of Negatives found not significant (j)									
0	# of Negatives addressed by Technical Change (Negative becomes not significant) (k)									
		x	<b>g</b> - ( <b>h</b> + <b>i</b> + <b>j</b> + <b>k</b> ) = 0		and is not included in the Approval Conditions Check					
	Final		<b>g</b> - ( <b>h</b> + <b>i</b> + <b>j</b> + <b>k)</b> >0	Reject <b>is</b> included in the denominator of § VII. <i>Approval Conditions Check</i>						
			Reject without a Negative	Not Valid						

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3) Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.4.4.2)

### **IV. Other Technical Issues**

There are no Other Technical Issues on Line Item 3 of #6329.

# **V. Comments**

There is no Comments on Line Item 3 of #6239.

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

There is no Comments Created by handling Negative on Line Item 3 of #6329.

### VI. Editorial Changes other than those dealt with in Section V.

There are no Editorial Changes Other than those dealt with in Section V on Line Item 3 of #6329.

# 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* ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.7.1.3)

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

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	50	1	50	=	100.0%	>=90%

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

See § 9.7.2 of the *Regulations* for further information



Line Item 3 meets the Letter Ballot Approval Conditions for the global technical committee

Line Item 3 meets the Letter Ballot Approval Conditions for the TC Chapter and a Ratification Ballot will be issued to verify Technical Changes

# Line Item 4 Adjudication

### II. Tally (Standards staff to fill in)

#### Voting Tally: As-cast tally after close of voting period

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*  $\P$  9.7.1.1)

Voting Interest:	<b>Returned Votes</b>		Distribution		Return Rate	
Letter Ballot	67	÷	103	=	65.0%	>=60%
Intercommittee Ballot	34					
Voting Interest Reject(s)	1	]	Total	Vote	rs with Rejects	1
Voting Interest Accept(s)	51					

Voting Tally :

# III. Rejects Voting Interest Reject 1 (Voting Interest Name: PEER Group GmbH)

Voting Interest Reject 1- Voter Reject 1 (Voter: Hoffmann, Christian / PEER Group GmbH)

Negative 1 of Voting Interest Reject 1- Voter Reject 1

Negative Text       *Original complete Negative text (e.g., issue, justification, suggestion) shot copied.         Withdrawal (check one)       X       No Negative withdrawal made by Voter.         Withdrawal (check one)       X       No Negative is not related. (Needs ≥2/3 votes to pass.)         Motion and Reason (check one)       X       Refated' is mutually agreed upon. (Needs no Motion.)         Motion and Reason (check one)       X       Refated' is mutually agreed upon. (Needs no Motion.)         Motion and Reason       X       Refated' is not related. (Needs ≥2/3 votes to pass.)         Reson       X       Refated' is not related. (Needs ≥2/3 votes to pass.)	an. ents on. JId be											
Referenced Section/ Paragraph <signal 5<br="" a:="">signal b: 5 signal c: S signal c: Common signal c: Common sis common signal c: Common signal c: Common</signal>	on. ents on. JIC be											
Negative Text       *Original complete Negative text (e.g., issue, justification, suggestion) shou         What are the changes the cells of table 2 shown in the capture?         The stroke-out text is identical to the text to be added.         TF input (optional)         Withdrawal (check one)         Motion and Reason (check one)         X         Negative is not related. (Needs ≥2/3 votes to pass.)	an. JId be d"											
Negative Text       *Original complete Negative text (e.g., issue, justification, suggestion) shou         What are the changes the cells of table 2 shown in the capture?         The stroke-out text is identical to the text to be added.         TF input (optional)         Withdrawal (check one)         Motion and Reason (check one)         X         Negative is not related. (Needs ≥2/3 votes to pass.)	d" (A)											
Negative Text       copied.         What are the changes the cells of table 2 shown in the capture? The stroke-out text is identical to the text to be added.         TF input (optional)         Withdrawal (check one)       X         No Negative withdrawal made by Voter.       GO TO "Related subsection         Withdrawal (check one)       X         Motion and Reason (check one)       X         Vegative is not related. (Needs ≥2/3 votes to pass.)	d" (A)											
Negative Text       What are the changes the cells of table 2 shown in the capture? The stroke-out text is identical to the text to be added.         TF input (optional)       X       No Negative withdrawal made by Voter.       GO TO "Related subsection subsection         Withdrawal (check one)       X       No Negative withdrawal made by Voter.       GO TO "Final" subsection of the text of t	( <b>A</b> )											
TF input (optional)       X       No Negative withdrawal made by Voter.       GO TO "Related subsection         Withdrawal (check one)       X       No Negative withdrawal made by Standards staff on MM/DD/YYYY.       GO TO "Final" subsection > (         Motion and Reason (check one)       X       'Related' is mutually agreed upon. (Needs no Motion.)       GO TO "P subsection > (	( <b>A</b> )											
Withdrawal (check one)       X       No Negative withdrawal made by Voter.       subsection         Withdrawal document received by Standards staff on MM/DD/YYYY.       GO TO "Final" subsection → (         Motion and Reason (check one)       X       'Related' is mutually agreed upon. (Needs no Motion.)       GO TO "P subsection	( <b>A</b> )											
(check one)       Withdrawal document received by Standards staff on MM/DD/YYYY.       GO TO "Final" subsection → (         Motion and Reason (check one)       X       'Related' is mutually agreed upon. (Needs no Motion.)       GO TO "P subsection												
Motion and Reason (check one)       X       'Related' is mutually agreed upon. (Needs no Motion.)       GO TO "P subsection												
Reason       Negative is not related. (Needs ≥2/3 votes to pass.)         (check one)       Image: Check one is not related.												
Motion by/2nd by Name (Company)/Name (Company)												
By     Name (Company)/Name (Company)       Discussion												
XX-XX; Motion passed/failed.	XX-XX; Motion passed/failed.											
Result of Vote (check one)       [Negative is not related.] <2/3       GO TO "Persua subsection	asive"											
2/3≤ [Negative is not related.] GO TO "Final" subsection → (	(B)											
Negative is related and persuasive. (Needs >1/3 votes to pass.)												
Motion and Reason X Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)												
(check one) Reason This line item is correcting positions of #6 that were very for better visibility, whole part is replaced not to miss of small characters.												
Motion by/2nd by Katsuyoshi Takahashi (Mitsubishi Electric) / Hiroyuki Ao (FUJI)												
Discussion None.												
	-0; Motion passed.											

	(ch Tech	nica		[N pe 2/ pe X 90 pe Reco	legativ ersuasi 3≤ [N ersuasi 0% ≤ [N ersuasi	Recommended Option" subsection									
	" <b>TO</b> "			-											
			FROM: Section/Paragraph XXX												
		1	TO: Sec	ction/P	aragra	iph xxx									
	Techr		Justific	ation (	lf nece	essary)									
	Technical Change		FROM: Section/Paragraph XXX												
Add	Chanç		TO: Sec	: Section/Paragraph xxx											
ress t	ge	2				<b>F</b>									
Address by Technical Change Optio			Justific	ation (	lf nece	essary)									
hnica	Motic	on			Neg	Negative is addressed by the Technical Change.									
l Cha	Motic	on b	y/2nd by	у	Nam	Name (Company)/Name (Company)									
ange	Discı	ıssi	ion												
Opt					XX-X	XX-XX; Motion passed/failed.									
ion	Resu	ılt o	f Vote one)	(chec	k	2/3≤ [Negative is addressed Change.]	GO TO "Incorporation of the Technical Change" subsection								
						[Negative is not addressed b Change.] < 2/3	by the Technical		GO TO "Final" subsection <del>→</del> (E)						
		Мо	tion		To i	ncorporate the Technical C	hange.								
	Inc Te	Мо	tion by/2	2nd by	Nam	Name (Company)/Name (Company)									
	orpor chnic	Dis	scussion	)											
	atior ;al C				XX-X	XX; Motion passed/failed.									
	Incorporation of the Technical Change	I	Result of			90% ≤ [Agree to incorporate	.]		GO TO "Final" subsection → (F)						
	e		(check	one)		[Disagree to incorporate.]>1	0%		GO TO "Final" subsection → (E)						
Not Significant						l "if the TC Chapter finds a ons voting on the action". (			asive by a vote equal to or l.2)						
icant					is mu gnificai		m the Negative	"not	GO TO "Final" subsection $\rightarrow$ (D)						

	Use of "Not significant finding option"		It is mutually aç	greed upon to term the Negative "significant	GO TO "Final" subsection ". <mark>→ (C)</mark>						
	(check one)		Whether or not	Vhether or not the Negative is "not significant" is decided by a vote.							
	Motion	The	The Negative is "not significant".								
	Motion by/2nd by	Nam	lame (Company)/Name (Company)								
	Vote		XX-XX; Motion	passed with simple majority	GO TO "Final" subsection → (D)						
	Vole		XX-XX; Motion	GO TO "Final" subsection → (C)							
			(A)	withdrawn (counted under <b>h</b> in dispositi	on)						
			(B) not related (counted under i in disposition		on)						
_	(check if		(C)	related and not persuasive (significant)							
Final	applicable)	Х	(D)	not significant (counted under <b>j</b> in dispo	sition)						
<u> </u>			(E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS						
			<b>(F)</b>	addressed by Technical Change (count	ed under <b>k</b> disposition)						
	(check if applicable)		Comment gene	erated. See Section V-(ii) Comment # X.							

### Negative 2 of Voting Interest Reject 1- Voter Reject 1

Z	Referenced Section/ Paragraph	<#2 7.2 of Tr:	*TF/TC Chapter to fill in including text in the ballot if necessary. <#24> 7.2 Informational Structure of HC — This section defines an informational structure of HC. One HC Line consists of one +Line Information- channel and the same number of Track Information channel(s) with the number of Tracks the line has.									
Negative	Negative Text	cop Is th rout the rest rout	ginal complete Negative text (e.g., issue, justification,	there may be more than one ion had been "invented" for Now, there is no such he product takes dynamic then for any of the signals								
TFi	input (optional)											
	Withdrawal (check one)		No Negative withdrawal made by Voter. Withdrawal document received by Standards staff on	GO TO "Related" subsection GO TO "Final"								
Relat ed	Motion and Reason		MM/DD/YYYY. 'Related' is mutually agreed upon. (Needs no Motion.)	subsection → (A) GO TO "Persuasive" subsection								
at	(check one)	Х										

		Reason	The scope of this Standard is the communication between adjacent equipment mechanically coupled with Material Handoff means. This reject is addressing the case "Not mechanically linked" with "Dynamic routing" which is out of the scope of this Standard and not related. Dynamic routing thorough mechanically coupled equipment is in scope and covered.									
	Motion by/2nd by	atsuyoshi Takahashi (Mitsubishi Electric) / Hiroyuki Ao (FUJI)										
	Discussion	ussion None.										
		3-0; Motion passed.										
	Result of Vote (check one)	[Negative is not relat		GO TO "Persuasive" subsection								
		X 2/3≤ [Negative is not	GO TO " subsect	Final" ion <mark>→ (B)</mark>								
		Negative is related a	nd persuasive. <mark>(</mark> I	Needs >1/3 votes	s to pass.)							
	Motion and Reason (check one)	Negative is related a	nd not persuasiv	e. <mark>(Needs ≥2/3</mark> vo	otes to pass.)							
	、 ·	Reason										
Pe	Motion by/2nd by	Name (Company)/Name (Company)										
Persuasive	Discussion											
asiv		XX-XX; Motion passed/failed.										
e	Result of Vote (check one)	[Negative is related a >1/3 [Negative is rela persuasive.] <2/3	and persuasive.] ated and not	Recommended	Technic							
		2/3≤ [Negative is r	related and not									
		persuasive.] <90% 90% ≤ [Negative is repersuasive.]	elated and not	GO TO "Not Sign subsection								
	Technical Chanç	ge Recommended by the	TF									
Address	Note: Original se "TO" fields.	ection/paragraph numbe	r and at least or	ne full sentence a	are required i	n "FROM" and						
by T		Section/Paragraph XXX										
Techni Option	ech TO: Se	ction/Paragraph xxx										
by Technical Change Option	Technical Change 2	ation (If necessary)										
ange	ange 2 FROM:	Section/Paragraph XXX										

		TO: Se	ction	/Par	agra	iph xxx					
		Justific	atio	ו <b>(I</b> f)	nece	essary)					
	Motic	n			Neg	ative is a	dd	dressed by the Technical Change.			
	Motic	n by/2nd b	у		Nam	ne (Comp	ba	ny)/Name (Company)			
	Discu	ission									
					XX-X	XX; Motic	or	n passed/failed.			
	Resu	It of Vote one)	(ch	eck	2/3≤ [Negative is addressed by the Technical Change.]				GO TO "Incorporation of the Technical Change" subsection		
					[Negative is not addressed by the Technical Change.] < 2/3				GO TO "Final" subsection <del>→</del> (E)		
		Motion			To incorporate the Technical Change.						
	ក្ត ភ្លុំ Motion by/2nd by				Name (Company)/Name (Company)						
	Discussion										
	atior al Cl				XX-X	X-XX; Motion passed/failed.					
	Incorporation of the Technical Change	Result of Vote				90% ≤ [A	Aç	gree to incorporate.]	GO TO "Final" subsection → (F)		
	Ø	(check one)				[Disagre	e	to incorporate.]>10%	GO TO "Final" subsection → (E)		
								C Chapter finds a Negative not persua on the action". ( <i>Regulations</i> ¶ 9.6.4.4			
			lt is	mi	itually a	ar	reed upon to term the Negative "not	GO TO "Final" subsection			
Not S	Us				ifica		gı		→ <b>(D)</b>		
Not Significant	findi	significant iding option" (check one)		lt is	nutually agreed upon to term the Negative "significant".				GO TO "Final" subsection → (C)		
П				Whe	ether or not the Negative is "not significant" is decided b				y a vote.		
ding		Notion	The	Neg	gative is "not significant".						
inding Option	Moti	on by/2nd by	Nam	ne (C	Company)/Name (Company)						
n		Vote		XX-X	XX; I	Motion pa	as	sed with simple majority	GO TO "Final" subsection → (D)		
		VOLE		XX-X	XX; I	Motion fai	ile	ed with simple majority	GO TO "Final" subsection → (C)		
					(4	A)	_	withdrawn (counted under <b>h</b> in dispositio	,		
			Х		(	B)	r	not related (counted under i in disposition	n)		
п		heck if			(	C)	r	related and not persuasive (significant)			
Final	ар	plicable)			(	D)	_	not significant (counted under <b>j</b> in dispos	ition)		
					(	E)		related and persuasive and not addressed by Technical Change	DOCUMENT FAILS		
					(	F)	_	addressed by Technical Change (counte	d under <b>k</b> disposition)		
	(check if applicable)				nmer	nt genera	ate	ed. See Section V-(ii) Comment # X.			

#### **Disposition of Voting Interest Reject 1**

2	Original numbe	r of N	legatives		(g)						
0	# of Negatives withdrawn (h)										
1	# of Negatives found not related (i)										
1	# of Negatives found not significant (j)										
0	# of Negatives addressed by Technical Change (Negative becomes not significant) (k)										
		х	<b>g</b> - ( <b>h</b> + <b>i</b> + <b>j</b> + <b>k</b> ) = 0		alid and is not included in the /II. Approval Conditions Check						
	Final		<b>g</b> - ( <b>h</b> + <b>i</b> + <b>j</b> + <b>k</b> ) >0	Reject <b>is</b> included in the denominator of § VII. <i>Approval Conditions Check</i>							
			Reject without a Negative	Not Valid							

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3) Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.4.4.2)

# **IV. Other Technical Issues**

There are no Other Technical Issues on Line Item 4 of #6329.

### V. Comments

There is no Comments Created by handling Negative on Line Item 4 of #6329.

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

There is no Comments Created by handling Negative on Line Item 4 of #6329.

### VI. Editorial Changes other than those dealt with in Section V.

There are no Editorial Changes Other than those dealt with in Section V on Line Item 4 of #6329.

# 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* ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.7.1.3)

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

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	51	1	51	=	100.0%	>=90%

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

See § 9.7.2 of the *Regulations* for further information



Line Item 4 meets the Letter Ballot Approval Conditions for the global technical committee

Line Item 4 meets the Letter Ballot Approval Conditions for the TC Chapter and a Ratification Ballot will be issued to verify Technical Changes

# **Checks for Entire Document Including All Approved Line Items**

## **VIII. Safety Check**

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

N	x	TI is	This is not a Safety Document, when all safety-related information is removed, the Document is still technically sound and complete. ( <i>Regulations</i> $\P$ 8.7.1)						
Motion	<b>This is a Safety Document</b> , 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 Document throughout the balloting process. ( <i>Regulations</i> ¶¶ 15.1.2)							
Motion by/2nd by			by/2nd by	Katsuyoshi Takahashi (Mitsubishi Electric) / Hiroyuki Ao (Fuji)					
Discussion			ussion	None,					
	Vote			8-0; Motion passed					

# **IX. Intellectual Property (IP) Check**

Note: This IP check applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 16 of the *Regulations* for further information.

Х		TC Chapter meeting chair asked those participating, if they were aware of any potentially material ented technology or copyrighted items <sup>*</sup> in the Standard or Guideline. ( <i>Regulations</i> ¶ 8.8.1)							
	Х		otentially n righted iter		patented technology or reproduction of known.	GO TO SECTION X			
		Potentially material patented technology or reproduction of copyrighted items are known, but a Letter of Assurance (LOA) or copyright release letter for such items has been obtained or presented to the TC Chapter.							
	Potentially material patented technology or reproduction of copyrighted items are k use of such materials is technically justified by the TC Chapter, but an LOA or copy release letter for some of the item(s) has NOT been obtained or presented to the T								
	M	Ask ISC for special permission to publish.							
	MOTION		Quit activ	ty.					
	ON		Wait for L	OA for patented technology or release of copyrighted items.					
	Mot	tion by/2 <sup>nd</sup> by Name			e (Company)/Name (Company)				
	Discussion			XXXX					
	Vote			XX-XX					
	Ei	Final Action			Motion Passed				
	Final Action				Motion Failed				

\* Note: Such potentially material patented technology or copyrighted items might have become known since the Standard or Safety Guideline was last reviewed, or might become relevant due to this Letter Ballot.

# X. Action for this document

tion applicable ns)	X	ine item(s) 1, 3 and 4 passed TC Chapter review as balloted and will be forwarded to the A&R rocedural review.						
		the item(s) [X], [X] and [X] passed TC Chapter review with editorial changes and will be forwarded the A&R for procedural review.						
Motion (Check all app items)	X	Line item(s) 2 passed TC Chapter review with Technical Changes and with or without edit changes and will be forwarded to the A&R SC for procedural review. A Ratification Ballot w issued to verify the Technical Changes.						
(Chec		Line item(s) [X], [X] and [X] failed TC Chapter review and will be returned to the task rework.						
		Line item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.						
Motion by	y/ 2n	by Katsuyoshi Takahashi (Mitsubishi Electric) / Hiroyuki Ao (FUJI)						
Discu	ssior	None.						
Vo	te	8-0						
Engl	tio	X Motion passed						
<b>Final Action</b>		Motion failed						

Standards staff to record the result of the A&R procedural review here:

		Line item(s) [X], [X] and [X] are approved for publication					
A&R		Line item(s) [X], [X] and [X] are approved pending for acceptance of the Ratification Ballot					
		Line item(s) [X], [X] and [X] are Not approved					
	Reason:						