

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

Region/Locale: [Japan](#)

Global Technical Committee: [Information & Control](#)

TC Chapter Cochairs: [Takayuki Nishimura/ SCREEN Semiconductor Solutions, Mitsuhiro Matsuda/ Hitachi Kokusai Electric](#)

Standards staff: [Chie Yanagisawa](#)

	Scheduled in Background Statement	Actual
Date	12/18/2015	12/18/2015
Location	Tokyo Big Sight Conference Tower, Tokyo	Tokyo Big Sight Conference Tower, Tokyo

Document Information

I. Document Number, Title, Lists of Line Items

Document Number 5829A		Document Title Line-item Revision to SEMI E171-0515: SPECIFICATION FOR PREDICTIVE CARRIER LOGISTICS (PCL) and SEMI E171.1-0515 SPECIFICATION FOR SECS-II PROTOCOL FOR PREDICTIVE CARRIER LOGISTICS
List of Line Items	Line Item 1	Line Item Title Improve expression of CFJ Event definition
	Line Item 2	Line Item Title Improve CLJ Event definition
	Line Item 3	Line Item Title Add 'Object' to the reference in the section 8.1.1 of E171
	Line Item 4	Line Item Title Correct editorial errors in Table 14 and Table 16 of E171
	Line Item 5	Line Item Title Add CarrierFlowID and CLJLPID to Table 8 CLJ SECS-II Attribute Definitions of E171.1
	Line Item 6	Line Item Title Improve definition of the response to AMHSArrivalInfo service in E171

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 ¶ 9.7.1.1*)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	95	=	60.0%	>=60%
Intercommittee Ballot	18					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	25					

III. Rejects

There was no reject vote received for Ballot 5829A, Line Item 1.

IV. Other Technical Issues

There was no Other Technical Issue for Ballot 5829A, Line Item 1.

V. Comments

There was no comment received for Ballot 5829A, Line Item 1.

V-(ii) Comments Created by handling Negative

There was no Comments Created by handling Negative for Ballot 5829A, Line Item 1.

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

There was no Editorial Changes other than those dealt with in Section V for Ballot 5829A, Line Item 1.

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	=	25	/	25	=	100.0%	

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 ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution	=	Return Rate	
Letter Ballot	57	÷	95	=	60.0%	≥60%
Intercommittee Ballot	18					
Voting Interest Reject(s)	1		Total Voters with Rejects		1	
Voting Interest Accept(s)	25					

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: PEER Group)

Voting Interest Reject 1- Voter Reject 1 (Voter: Christian Hoffmann and 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 if necessary.		
	Negative Text	<p>*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.</p> <p>LI4: Table 26 lists events. However the service message type is not shown. It was expected the events have the type designator 'N' in the 'Type' column of table 26.</p> <p><e-mail on Dec. 8 from the voter > This is the table 26, where I wonder whether or not the type should be an 'N' instead of the '-'. You might be right, this seems to be rather LI2 than LI4.</p>		
TF input (optional)				
Withdrawal (check one)	<input checked="" type="checkbox"/>	No Negative withdrawal made by Voter.	GO TO "Related" subsection	
	<input type="checkbox"/>	Withdrawal document received by Standards staff on MM/DD/YYYY.	GO TO "Final" subsection → (A)	
Related Motion and Reason (check one)	<input checked="" type="checkbox"/>	'Related' is mutually agreed upon. (Needs no Motion.)	GO TO "Persuasive" subsection	
	<input type="checkbox"/>	Negative is not related. (Needs ≥2/3 votes to pass.)		

		Reason	XXXX	
	Motion by/2nd by	Name (Company)/Name (Company)		
	Discussion			
	Result of Vote (check one)	XX-XX; Motion passed/failed.		
		[Negative is not related.] <2/3	GO TO "Persuasive" subsection	
		2/3 ≤ [Negative is not related.]	GO TO "Final" subsection → (B)	
Persuasive	Motion and Reason (check one)		Negative is related and persuasive. (Needs >1/3 votes to pass.)	
		X	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)	
		Reason	The 'Description' of the 'Type' column the voter pointed out says 'These CLJ related events are internal events and are reported to the host through CFJ Event from the CFJ which manages the CLJ.' This means the columns the voter pointed out do not define any event to the host but just describe that the external event which represents those internal events is defined in CFJ table.	
	Motion by/2nd by	Yuko Toyoshima (Hitachi High-Technologies) / Won Tae Kim (Windtree Technologies)		
	Discussion	None		
	Result of Vote (check one)	12-0; Motion passed.		
[Negative is related and persuasive.] >1/3		Is a Technical Change Recommended	Y GO TO "Address by Technical Change Option" subsection	
[Negative is related and not persuasive.] <2/3		?	N GO TO "Final" subsection → (E)	
2/3 ≤ [Negative is related and not persuasive.] <90%		GO TO "Final" subsection → (C)		
X	90% ≤ [Negative is related and not persuasive.]	GO TO "Not Significant Finding Option" subsection		
Address by Technical Change Option	Technical Change Recommended by the TF			
	Note: Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.			
	1	FROM: Section/Paragraph XXX		
		TO: Section/Paragraph xxx		
		Justification (if necessary)		
2	FROM: Section/Paragraph XXX			
	TO: Section/Paragraph xxx			

		Justification (if necessary)		
	Motion	Negative is addressed by the Technical Change.		
	Motion by/2nd by	Name (Company)/Name (Company)		
	Discussion			
	Result of Vote one (check one)	<input type="checkbox"/> 2/3 ≤ [Negative is addressed by the Technical Change.]	GO TO "Incorporation of the Technical Change" subsection	
		<input type="checkbox"/> [Negative is not addressed by the Technical Change.] < 2/3	GO TO "Final" subsection → (E)	
Incorporation of the Technical Change	Motion	To incorporate the Technical Change.		
	Motion by/2nd by	Name (Company)/Name (Company)		
	Discussion			
	Result of Vote (check one)	<input type="checkbox"/> 90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)	
<input type="checkbox"/> [Disagree to incorporate.] > 10%		GO TO "Final" subsection → (E)		
Not Significant Finding Option	This option can only be used "if the TC Chapter finds a Negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action". (Regulations ¶ 9.6.4.4.2)			
	Use of "Not significant finding option" (check one)	<input checked="" type="checkbox"/> It is mutually agreed upon to term the Negative "not significant".	GO TO "Final" subsection → (D)	
		<input type="checkbox"/> It is mutually agreed upon to term the Negative "significant".	GO TO "Final" subsection → (C)	
		<input type="checkbox"/> Whether or not the Negative is "not significant" is decided by a vote.		
	Motion	The Negative is "not significant".		
	Motion by/2nd by	Name (Company)/Name (Company)		
Vote	<input type="checkbox"/> XX-XX; Motion passed with simple majority	GO TO "Final" subsection → (D)		
	<input type="checkbox"/> XX-XX; Motion failed with simple majority	GO TO "Final" subsection → (C)		
Final	(check if applicable)	<input type="checkbox"/> (A)	withdrawn (counted under h in disposition)	
		<input type="checkbox"/> (B)	not related (counted under i in disposition)	
		<input type="checkbox"/> (C)	related and not persuasive (significant)	
		<input checked="" type="checkbox"/> (D)	not significant (counted under j in disposition)	
		<input type="checkbox"/> (E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS
		<input type="checkbox"/> (F)	addressed by Technical Change (counted under k disposition)	
(check if applicable)	<input type="checkbox"/>	Comment generated. See Section V-(ii) Comment # X.		

Disposition of Voting Interest Reject 1

1	Original number of Negatives	(g)	
0	# of Negatives withdrawn	(h)	
0	# 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)	
Final	X	$g - (h + i + j + k) = 0$	Reject is Not Valid and is not included in the denominator of § VII. <i>Approval Conditions Check</i>
		$g - (h + i + j + k) > 0$	Reject is 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 was no Other Technical Issue for Ballot 5829A, Line Item 2.

V. Comments

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

Comment	*TF/TC Chapter to fill in, if necessary.	
	I'd like to add more comments, even if they are not closely related to LI4:	
	- page 13, §6.5.5. Subscripted variables: Are those SV more commonly names as status variables?	
	<TF response> Subscripted variable is not exactly same with Status variable. Subscripted Variable is a variable class which may include status variable. Subscripted variable is expressed with small character added after variable name. SV is not an abbreviation of Subscripted Variable.	
	<Quotation from #5829A> 6.5.5 Subscripted variables are used either as items within a list or to differentiate data representing different entities. Subscripted variables are always valid.	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
		Already addressed by Commenter #, Comment #
	X	No further action was taken by the TC Chapter.
	Refer to the TF for more consideration.	

		New Business
		Editorial Change
	Options for Editorial Change (check one)	Case 1: No vote in this section : To be included and voted on in <u>§ VI. Summary of Editorial Changes.</u>
		Case 2: Voted in this section : Original section number and at least one full sentence are required in "FROM" and "TO" fields.
Editorial Change	1	FROM: Section/Paragraph xxx
		TO: Section/Paragraph xxx
		Justification (If necessary)
	2	FROM: Section/Paragraph xxx
		TO: Section/Paragraph xxx
		Justification (If necessary)
Motion	To approve above editorial change(s)	
Motion by/2nd by	Name (Company)/Name (Company)	
Discussion	XXXX	
Vote	XX-XX; Motion passed/failed.	

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

Comment	*TF/TC Chapter to fill in, if necessary.	
	figures 4, 5, 7, and 8, all refer to load port '0', while SEMI E87 defines numbering load ports starting with '1'.	
	<TF Response> 'Load port 0', 'Load port 1' here are example names of load ports for illustration and are not load port numbers defined in E87.	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
		Already addressed by Commenter #, Comment #
	X	No further action was taken by the TC Chapter.
	Refer to the TF for more consideration.	

		New Business
		Editorial Change
	Options for Editorial Change (check one)	Case 1: No vote in this section : To be included and voted on in § VI. Summary of Editorial Changes .
		Case 2: Voted in this section : Original section number and at least one full sentence are required in "FROM" and "TO" fields.
Editorial Change	1	FROM: Section/Paragraph xxx
		TO: Section/Paragraph xxx
		Justification (If necessary)
	2	FROM: Section/Paragraph xxx
		TO: Section/Paragraph xxx
		Justification (If necessary)
Motion	To approve above editorial change(s)	
Motion by/2nd by	Name (Company)/Name (Company)	
Discussion	XXXX	
Vote	XX-XX; Motion passed/failed.	

Commenter 1 (Christian Hoffmann / PEER Group GmbH) - Comment 3

Comment	*TF/TC Chapter to fill in, if necessary.
	<p>- 9.2.1. CFJ Object instantiation - upon equipment start-up, 9.2.4 CFJ instantiation upon switching to host-control (while carriers are on a equipment load port)</p> <p>- 10.2.1. describes CLJ Object instantiation (initiated by the host or by the equipment):</p> <p>- 10.2.1.2. ... when the equipment recognizes that the equipment can receive new carrier</p> <p>however, 10.2.4. describes a CLJ object is to be created when equipment moves into host control with a carrier on it.</p> <p>Is this a requirement for the host? Or for the equipment? How does this match the description in 10.2.1.? The equipment would not recognize a new carrier can be received, but the unload request for the respective carrier(s) is to be predicted.</p>
	<p><TF Response></p> <p>10.2.4 is a requirement to equipment. When equipment gets into host control with a carrier, equipment need to be prepared with a CLJ (and CFJ) created (or recreated) for the carrier for carrier-to-CLJ consistency.</p> <p>10.2.1 describes normal cases and does not cover object persistence when equipment stopped with carriers in it.</p>

Action	The TC Chapter agreed to do one of the following actions.		
	*No motion is required in this step.		
	<input type="checkbox"/>	Already addressed by Commenter #, Comment #	
	<input checked="" type="checkbox"/>	No further action was taken by the TC Chapter.	
	<input type="checkbox"/>	Refer to the TF for more consideration.	
	<input type="checkbox"/>	New Business	
	<input type="checkbox"/>	Editorial Change	
	Options for Editorial Change (check one)	Case 1: No vote in this section : To be included and voted on in § VI. Summary of Editorial Changes.	
		Case 2: Voted in this section : Original section number and at least one full sentence are required in "FROM" and "TO" fields.	
	Editorial Change	1	FROM: Section/Paragraph xxx
			TO: Section/Paragraph xxx
Justification (If necessary)			
2		FROM: Section/Paragraph xxx	
		TO: Section/Paragraph xxx	
		Justification (If necessary)	
Motion	To approve above editorial change(s)		
Motion by/2nd by	Name (Company)/Name (Company)		
Discussion	XXXX		
Vote	XX-XX; Motion passed/failed.		

Commenter 1 (Christian Hoffmann / PEER Group GmbH) - Comment 4

Comment	*TF/TC Chapter to fill in, if necessary.
	In table 22 there the ObjID is described as 'ObjID is equipment defined'. This might be a conflict with 10.2.1.1., where it says the host requests CLJ object instantiation

		<p><TF Response> This standard does not define the way the host requests instantiation. This means those request may be done by using other existing standards or their extensions (related Standards may be E40 PJM, E94 CJM and E87 CMS). This also means the host does not specify the ObjID for CLJ. And, as a result, this means the equipment may need to correlate the ObjID of the CLJ the equipment created to the ID of the instantiation request given by the host in the way not defined in this Standard.</p> <p>< Quotation from #5829A > 10.2.1.1 Host Triggered Instantiation — An instantiation which is triggered by the host. The host may request as many CLJ creations as the host plans in order to give predictive information to the equipment. The equipment creates those CLJs and manages the execution order of them by communicating with the host. This Standard does not define the algorithm to decide the order.</p>	
		<p>The TC Chapter agreed to do one of the following actions.</p> <p>*No motion is required in this step.</p>	
Action		Already addressed by Commenter #, Comment #	
	X	No further action was taken by the TC Chapter.	
		Refer to the TF for more consideration.	
		New Business	
		Editorial Change	
		Options for Editorial Change (check one)	<p>Case 1: No vote in this section :</p> <p>To be included and voted on in <u>§ VI. Summary of Editorial Changes.</u></p> <p>Case 2: Voted in this section :</p> <p>Original section number and at least one full sentence are required in "FROM" and "TO" fields.</p>
Editorial Change	1	FROM: Section/Paragraph xxx	
		TO: Section/Paragraph xxx	
		Justification (If necessary)	
	2	FROM: Section/Paragraph xxx	
		TO: Section/Paragraph xxx	
		Justification (If necessary)	
Motion		To approve above editorial change(s)	
Motion by/2nd by		Name (Company)/Name (Company)	
Discussion		XXXX	

Vote	XX-XX; Motion passed/failed.

V-(ii) Comments Created by handling Negative

There was no Comments Created by handling Negative for Ballot 5829A, Line Item 2.

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

There was no Editorial Changes other than those dealt with in Section V for Ballot 5829A, Line Item 2.

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	=	25	/	25	=	100.0%			

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

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 ¶ 9.7.1.1*)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	95	=	60.0%	>=60%
Intercommittee Ballot	18					
Voting Interest Reject(s)	0				Total Voters with Rejects	0
Voting Interest Accept(s)	25					

III. Rejects

There was no reject vote received for Ballot 5829A, Line Item 3.

IV. Other Technical Issues

There was no Other Technical Issues for Ballot 5829A, Line Item 3.

V. Comments

There was no comment received for Ballot 5829A, Line Item 3.

V-(ii) Comments Created by handling Negative

There was no Comments Created by handling Negative for Ballot 5829A, Line Item 3.

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

There was no Editorial Changes other than those dealt with in Section V for Ballot 5829A, Line Item 3.

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	=	25	/	25	=	100.0%	

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 ¶ 9.7.1.1*)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	95	=	60.0%	>=60%
Intercommittee Ballot	18					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	25					

III. Rejects

There was no reject vote received for Ballot 5829A, Line Item 4.

IV. Other Technical Issues

There was no Other Technical Issue for Ballot 5829A, Line Item 4.

V. Comments

There was no comment received for Ballot 5829A, Line Item 4.

V-(ii) Comments Created by handling Negative

There was no Comments Created by handling Negative for Ballot 5829A, Line Item 4.

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

There was no Editorial Changes other than those dealt with in Section V for Ballot 5829A, Line Item 4.

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	=	25	/	25	=	100.0%	

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

Line Item 5 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 ¶ 9.7.1.1*)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	95	=	60.0%	>=60%
Intercommittee Ballot	18					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	25					

III. Rejects

There was no reject vote received for Ballot 5829A, Line Item 5.

IV. Other Technical Issues

There was no Other Technical Issue for Ballot 5829A, Line Item 5.

V. Comments

There was no comment received for Ballot 5829A, Line Item 5.

V-(ii) Comments Created by handling Negative

There was no Comments Created by handling Negative for Ballot 5829A, Line Item 5.

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

There was no Editorial Changes other than those dealt with in Section V for Ballot 5829A, Line Item 5.

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)			
			25	/	25	=	100.0%	

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

See § 9.7.2 of the *Regulations* for further information

- Line Item 5 meets the Letter Ballot Approval Conditions for the global technical committee
- Line Item 5 meets the Letter Ballot Approval Conditions for the TC Chapter and a Ratification Ballot will be issued to verify Technical Changes

Line Item 6 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 ¶ 9.7.1.1*)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	57	÷	95	=	60.0%	>=60%
Intercommittee Ballot	18					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	25					

III. Rejects

There was no reject vote received for Ballot 5829A, Line Item 6.

IV. Other Technical Issues

There was no Other Technical Issue for Ballot 5829A, Line Item 6.

V. Comments

There was no comment received for Ballot 5829A, Line Item 6.

V-(ii) Comments Created by handling Negative

There was no Comments Created by handling Negative for Ballot 5829A, Line Item 6.

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

There was no Editorial Changes other than those dealt with in Section V for Ballot 5829A, Line Item 6.

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	=	25	/	25	=	100.0%	

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

See § 9.7.2 of the *Regulations* for further information

- Line Item 6 meets the Letter Ballot Approval Conditions for the global technical committee
- Line Item 6 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.

Motion:	X	This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations ¶ 8.7.1</i>)
		This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations ¶ 8.7.2</i>)
		Safety Checklist (<i>Regulations ¶ 15.3</i>) is complete and has been included with the Document throughout the balloting process. (<i>Regulations ¶¶ 15.1.2</i>)
Motion by/2nd by		Yuko Toyoshima (Hitachi High-Technologies) / Won Tae Kim (Windtree Technologies)
Discussion		None
Vote		12-0; 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.

X	The TC Chapter meeting chair asked those participating, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline. (<i>Regulations ¶ 8.8.1</i>)	
	X	No potentially material patented technology or reproduction of copyrighted items are known. GO TO SECTION IX
		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. GO TO SECTION IX
		Potentially material patented technology or reproduction of copyrighted items are known and use of such materials is technically justified by the TC Chapter, but an LOA or copyright release letter for some of the item(s) has NOT been obtained or presented to the TC Chapter.
MOTION		Ask ISC for special permission to publish.
		Quit activity.
		Wait for LOA for patented technology or release of copyrighted items.
Motion by/2nd by		Name (Company)/Name (Company)
Discussion		XXXX
Vote		XX-XX
Final Action		

* 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

Motion (Check all applicable items)	<input checked="" type="checkbox"/>	Line item(s) [1], [2], [3], [4], [5], and [6] passed TC Chapter review as balloted and will be forwarded to the A&R for procedural review.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] passed TC Chapter review with editorial changes and will be forwarded to the A&R for procedural review.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] passed TC Chapter review with Technical Changes and with or without editorial changes and will be forwarded to the A&R SC for procedural review. A Ratification Ballot will be issued to verify the Technical Changes.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed TC Chapter review and will be returned to the task force for rework.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by	Yuko Toyoshima (Hitachi High-Technologies) / Won Tae Kim (Windtree Technologies)	
Discussion	None	
Vote	12-0	
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

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

A&R	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are approved for publication
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are approved pending for acceptance of the Ratification Ballot
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Not approved
	Reason:	