

## 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	<a href="#">April 23, 2015</a>	<a href="#">April 23, 2015</a>
Location	<a href="#">SEMI Japan, Ichigaya office</a>	<a href="#">SEMI Japan, Ichigaya office</a>

### [Document Information](#)

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

<b>Document Number</b> <a href="#">5828</a>		<b>Document Title</b> <a href="#">Line-item Revision to: SEMI E170-0215: SPECIFICATION FOR PRODUCTION RECIPE CACHE (PRC) SEMI E170.1-0215: SPECIFICATION FOR SECS-II PROTOCOL FOR PRODUCTION RECIPE CACHE</a>
<b>List of Line Items</b>	<b>Line Item 1</b>	<b>Line Item Title</b> <a href="#">Introduce Secured Recipe Space and revise messages</a>
	<b>Line Item 2</b>	<b>Line Item Title</b> <a href="#">Expression improvements</a>
	<b>Line Item 3</b>	<b>Line Item Title</b> <a href="#">Clarify MaxNumber and MaxTime</a>
	<b>Line Item 4</b>	<b>Line Item Title</b> <a href="#">Change APPENDIX 1 of E170 to related information</a>

## 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	53	÷	87	=	60.9%	>=60%
Intercommittee Ballot	25					
Voting Interest Reject(s)	1		Total Voters with Rejects		1	
Voting Interest Accept(s)	19					

### III. Rejects

#### Voting Interest Reject 1 (Voting Interest Name: Tokyo Electron)

#### Voting Interest Reject 1- Voter Reject 1 (Voter: Tadashi Mochizuki, Tokyo Electron)

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

Negative	Referenced Section/ Paragraph	<p>*TF/TC Chapter to fill in including text in the ballot if necessary.</p> <p>PreSpecifyRecipe in Table 14 of 8.11.1 This service specifies recipes by using RecipeXID for subsequent PJ creation message that does not support RecipeXID. If the specified recipes are not in SRS, the equipment shall query those recipes to the host and check them. When the same RecipeID with the one specified by this service is given by the subsequent PJ creation, the VersionID and SecurityID specified by this service are used.</p>
	Negative Text	<p>*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.</p> <p>About the recipe specified from the host to start process execution, the most important thing is to specify the reliable recipes (consistency). In fact, the recipe designation is performed in PJ create message.</p> <p>The current specification can not specify the RecipeXID for PJ creation directly. In PreSpecifyRecipe service, it is possible to specify recipes by using RecipeXID for subsequent PJ creation message. However, PJ create message may not be specified immediately after PreSpecifyRecipe Service. As a result, it may not be reliable recipe designation. We think that this is a technical issue.</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.				
<input type="checkbox"/>		[Negative is not related.] <2/3	GO TO "Persuasive" subsection			
<input type="checkbox"/>		2/3 ≤ [Negative is not related.]	GO TO "Final" subsection → (B)			
Persuasive	Motion and Reason (check one)	<input type="checkbox"/>	Negative is related and persuasive. (Needs >1/3 votes to pass.)			
		<input checked="" type="checkbox"/>	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)			
		Reason	<p>Firstly, #5828 does not require that PJ create message follow immediately after PreSpecifyRecipe. The host which uses PreSpecifyRecipe only needs to keep the order of PreSpecifyRecipe and PJ creation in combination. This can be done by using one process to maintain those two commands.</p> <p>Secondly, PreSpecifyRecipe is optional and the host who cannot guarantee the order should not use this option. In the case, VersionID may be used for process log purpose.</p> <p>Thirdly, the host which wants to make double-check may use Pre-ExeCheck option which still enables the use of VersionID with one session time of penalty.</p>			
	Motion by/2nd by	Yoshihisa Takasaki (SCREEN Semiconductor Solutions) / Naoko Murata (Tokyo Electron)				
	Discussion	It is desirable to create an Application Note.				
	Result of Vote (check one)	7-0; Motion passed.				
		<input type="checkbox"/>	[Negative is related and persuasive.] >1/3	Is a Technical Change Recommended	Y	GO TO "Address by Technical Change Option" subsection
<input type="checkbox"/>		[Negative is related and not persuasive.] <2/3	?	N	GO TO "Final" subsection → (E)	
<input type="checkbox"/>		2/3 ≤ [Negative is related and not persuasive.] <90%	GO TO "Final" subsection → (C)			
<input checked="" type="checkbox"/>	90% ≤ [Negative is related and not persuasive.]	GO TO "Not Significant Finding Option" subsection				

<b>Technical Change Recommended by the TF</b>				
<b>Note: Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.</b>				
<b>Address by Technical Change Option</b>	<b>Technical Change</b>	<b>1</b>	FROM: Section/Paragraph <b>XXX</b>	
			TO: Section/Paragraph <b>xxx</b>	
			Justification <b>(if necessary)</b>	
	<b>2</b>	FROM: Section/Paragraph <b>XXX</b>		
		TO: Section/Paragraph <b>xxx</b>		
		Justification <b>(if necessary)</b>		
<b>Motion</b>		Negative is addressed by the Technical Change.		
<b>Motion by/2nd by</b>		Name (Company)/Name (Company)		
<b>Discussion</b>				
<b>Result of Vote one (check one)</b>		XX-XX; Motion passed/failed.		
		<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)
<b>Incorporation of the Technical Change</b>	<b>Motion</b>		To incorporate the Technical Change.	
	<b>Motion by/2nd by</b>		Name (Company)/Name (Company)	
	<b>Discussion</b>			
	<b>Result of Vote (check one)</b>		XX-XX; Motion passed/failed.	
			<input type="checkbox"/>	90% ≤ [Agree to incorporate.]
<input type="checkbox"/>	[Disagree to incorporate.] > 10%	GO TO "Final" subsection → (E)		
<b>Not Significant Finding Option</b>	<b>Use of "Not significant finding option" (check one)</b>			
	<input 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 checked="" type="checkbox"/>	Whether or not the Negative is "not significant" is decided by a vote.		
	<b>Motion</b>		The Negative is "not significant".	
	<b>Motion by/2nd by</b>		Mitsuhiro Matsuda (Hitachi Kokusai Electric) / Yoshihisa Takasaki (SCREEN Semiconductor Solutions)	
<b>Vote</b>	<input checked="" type="checkbox"/>	7-0; Motion passed with simple majority	GO TO "Final" subsection → (D)	

			XX-XX; Motion failed with simple majority	GO TO "Final" subsection → (C)	
Final	(check if applicable)		(A)	withdrawn (counted under h in disposition)	
			(B)	not related (counted under i in disposition)	
			(C)	related and not persuasive (significant)	
		X	(D)	not significant (counted under j in disposition)	
			(E)	related and persuasive and not addressed by Technical Change	DOCUMENT FAILS
			(F)	addressed by Technical Change (counted under k disposition)	
(check if applicable)		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 <b>Not Valid</b> and is <b>not</b> 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	<b>Not Valid</b>

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 were no other technical issues for ballot 5828, line item 1.

## V. Comments

There were no comments received for ballot 5828, line item 1.

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

None

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

There were no editorial changes other than those dealt with in Section V for ballot 5828, 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	=	19	/	19	=	100.0%	>=90%

### 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	53	÷ 87	= 60.9%	>=60%
Intercommittee Ballot	25			
Voting Interest Reject(s)	0	Total Voters with Rejects		0
Voting Interest Accept(s)	21			

### III. Rejects

There were no reject votes received for ballot 5828, line item 2.

### IV. Other Technical Issues

There were no other technical issues for ballot 5828, line item 2.

### V. Comments

There were no comments received for ballot 5828, line item 2.

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

There were no editorial changes other than those dealt with in Section V for ballot 5828, 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	=	21	/	21	=	100.0%	>=90%

#### 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	53	÷	87	=	60.9%	>=60%
Intercommittee Ballot	25					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	21					

**III. Rejects**

There were no reject votes received for ballot 5828, line item 3.

**IV. Other Technical Issues**

There were no other technical issues for ballot 5828, line item 3.

**V. Comments**

There were no comments received for ballot 5828, line item 3.

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

There were no editorial changes other than those dealt with in Section V for ballot 5828, 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	=	21	/	21	=	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 ¶ 9.7.1.1*)

#### Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	53	÷	87	=	60.9%	>=60%
Intercommittee Ballot	25					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	20					

### III. Rejects

There were no reject votes received for ballot 5828, line item 4.

### IV. Other Technical Issues

There were no other technical issues for ballot 5828, line item 4.

### V. Comments

There were no comments received for ballot 5828, line item 4.

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

There were no editorial changes other than those dealt with in Section V for ballot 5828, 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	=	20	/	20	=	100.0%	>=90%

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

See § 9.7.2 of the *Regulations* for further information

<b>X</b>	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.

<b>Motion:</b>	<b>X</b>	This is not a <b>Safety Document</b> , when all safety-related information is removed, the Document is still technically sound and complete. ( <i>Regulations</i> ¶ 8.7.1)
		This is a <b>Safety Document</b> , when all safety-related information is removed, the Document is not 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)
<b>Motion by/2nd by</b>		Yoshihisa Takasaki (SCREEN Semiconductor Solutions) / Naoko Murata (Tokyo Electron)
<b>Discussion</b>		None
<b>Vote</b>		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.

<b>X</b>	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</i> ¶ 8.8.1)	
	<b>X</b>	No potentially material patented technology or reproduction of copyrighted items are known. <span style="float: right; background-color: #f0e0ff; padding: 2px;"><b>GO TO SECTION IX</b></span>
		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. <span style="float: right; background-color: #f0e0ff; padding: 2px;"><b>GO TO SECTION IX</b></span>
		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.
<b>MOTION</b>		Ask ISC for special permission to publish.
		Quit activity.
		Wait for LOA for patented technology or release of copyrighted items.
<b>Motion by/2<sup>nd</sup> by</b>		Name (Company)/Name (Company)
<b>Discussion</b>		XXXX
<b>Vote</b>		XX-XX

	<b>Final Action</b>	<input type="checkbox"/>	Motion Passed
		<input type="checkbox"/>	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

<b>Motion</b> <b>(Check all applicable items)</b>	<input checked="" type="checkbox"/>	Line item(s) [1], [2], [3] and [4] 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.
<b>Motion by/ 2nd by</b>	<b>Mitsuhiro Matsuda (Hitachi Kokusai Electric) / Yoshihisa Takasaki (SCREEN Semiconductor Solutions)</b>	
<b>Discussion</b>	None	
<b>Vote</b>	<b>8-0</b>	
<b>Final Action</b>	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

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

<b>A&amp;R</b>	<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
	<b>Reason:</b>	