

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

Region/Locale: [Taiwan](#)  
 Global Technical Committee: [FPD Metrology](#)  
 TC Chapter Cochairs: [Jen-Chieh Wang/CMS, ITRI, Jia-Ming Liu/TDMDA](#)  
 Standards Staff: [Cher Wu](#)

	Scheduled in Background Statement	Actual
Date	<a href="#">Feb. 07, 2020</a>	<a href="#">Feb. 07, 2020</a>
Location	<a href="#">ITRI OFFICE, Taiwan</a>	<a href="#">ITRI OFFICE, Taiwan</a>
Reason for Change of Date and/or Location <i>(if changed)</i>		

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

## [Document Information](#)

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

<b>Document Number</b> <a href="#">6535</a>	<b>Document Title</b> <a href="#">Line Item Revision of SEMI D72-1014, Test Methods for Color Properties of Electronic Paper Displays</a>
<b>Line Item 1</b>	<b>Line Item Title</b> <a href="#">Correction of nonconforming title</a>

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## Line Item 1 Adjudication

### II. Tally

Standards staff to fill in.

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

**Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (Regulations ¶ 9.6.2.1.1)**

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

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	28	÷	46	=	60.9%	≥60%
Intercommittee Ballot	21					
Voting Interest Reject(s)	1		Total Voters with Rejects		1	
Voting Interest Accept(s)	20					

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

### III. Rejects

**Voting Interest Reject 1 (Voting Interest Name: JAD)**

**Voter Reject 1 (Voter: Watanabe, Ryoichi and JAD)**

**Negative 1**

Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.		
	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. This document is out of scope of the Flexible Displays task force.		
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/ 2 <sup>nd</sup> by	Name (Company)/Name (Company)		
Discussion				

	<b>Result of Vote (check one)</b>	7 Y-0 N; Motion passed				
		<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)		
	<b>Motion and Reason (check one)</b>	<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	The voter did not provide any specific technical details.			
	<b>Motion by/ 2<sup>nd</sup> by</b>	Fuchen Chen(Innolux)/ Chaohua Wen (ITRI)				
	<b>Discussion</b>					
<b>Persuasive</b>	<b>Result of Vote (check one)</b>	7 Y-0 N; Motion passed				
		<input type="checkbox"/>	[Negative is related and persuasive.] > 1/3	<b>Is a technical change recommended? (check one)</b>	<input type="checkbox"/> Y	GO TO "Address by Technical Change Option" subsection
		<input checked="" type="checkbox"/>	[Negative is related and not persuasive.] < 2/3		<input type="checkbox"/> N	GO TO "Final" subsection → (E)
		<input type="checkbox"/>	2/3 ≤ [Negative is related and not persuasive.] < 90%	GO TO "Final" subsection → (C)		
		<input type="checkbox"/>	90% ≤ [Negative is related and not persuasive.]	GO TO "Not Significant Finding Option" subsection		
<b>Address by Technical Change Option</b>	<b>Technical Change Recommendations</b>					
	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)				
	<b>Motion</b>		Negative is addressed by the technical change(s).			
	<b>Motion by/2<sup>nd</sup> by</b>		Name (Company)/Name (Company)			
<b>Discussion</b>						
<b>Result of Vote</b>		XX Y-XX N; Motion passed/failed.				

	(check one)	<input type="checkbox"/>	2/3 ≤ [Negative is addressed by the technical change(s).]	GO TO “Incorporation of the Technical Change” subsection	
		<input type="checkbox"/>	[Negative is not addressed by the technical change(s).] < 2/3	GO TO “Final” subsection → (E)	
	Incorporation of the Technical Change	Motion	To incorporate the technical change(s).		
		Motion by/2 <sup>nd</sup> by	Name (Company)/Name (Company)		
		Discussion			
Result of Vote (check one)	XX Y-XX N; Motion passed/failed.				
	<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 be used only “if the TC Chapter finds a Negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action”. (Regulations ¶ 9.6.1.4.5.2)				
	Use of “Not significant finding option” (check one)	<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 type="checkbox"/>	Whether or not the Negative is “not significant” is decided by a vote.		
	Motion	The Negative is “not significant”.			
	Motion by/ 2 <sup>nd</sup> by	Name (Company)/Name (Company)			
	Vote	<input type="checkbox"/>	XX Y-XX N; Motion passed with simple majority	GO TO “Final” subsection → (D)	
<input type="checkbox"/>		XX Y-XX N; 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 checked="" type="checkbox"/>	(C)	Related and not persuasive (significant)	
		<input 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.		

This table is needed for each Negative.

### Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

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

#	Number of Negatives found not significant	(j)
#	Number of Negatives addressed by technical change ( <b>Negative becomes not significant</b> )	(k)
Final	<input checked="" type="checkbox"/> $g - (h + i + j + k) = 0$	Reject is Not Valid and is not included in the denominator of § VI. <i>Approval Conditions Check</i>
	<input type="checkbox"/> $g - (h + i + j + k) > 0$	Reject is included in the denominator of § VI. <i>Approval Conditions Check</i>
	<input type="checkbox"/> Reject without a Negative	Not Valid

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

## IV. Other Technical Issues

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

None

## V. Comments

### V- (i) Voters' Comments

Commenter 1 ([Tadahiro, Furukawa / Yamagata](#)) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	This draft is outside the scope of the task force.	
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)	<input type="checkbox"/>	Case 1: No vote in this section: To be included and voted on as a group in § VI. <i>Editorial Changes Other than Those Voted on in § V.</i>
	<input type="checkbox"/>	Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.
	<input type="checkbox"/>	

Editorial Changes	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/2 <sup>nd</sup> by	Name (Company)/Name (Company)	
Discussion	XXXX	
Vote	XX Y-XX N; Motion passed/failed.	

This table is needed for each Comment accompanied a Vote

Commenter 2 (Name/Company) - Comment 1  
 Commenter 3 (Name/Company) - Comment 1

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

None

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

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

## VII. Approval Conditions Check

### VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (Regulations ¶ 9.6.2.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (Regulations ¶ 9.6.2.1.3)

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

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	20	/	21	=	95.2%		≥90%	

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

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

### Globally Approved (No Ratification Ballot needed):

Line Item 1 meets the Letter Ballot approval conditions for the global technical committee.

### Need a Ratification Ballot:

Line Item 1 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

## Checks for Entire Document Including All Approved Line Items

## VIII. Safety Check

Note: 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	<input checked="" type="checkbox"/>	This is not a Safety Document, when all safety-related information is removed, the Document is still technically sound and complete. ( <i>Regulations</i> ¶ 8.7.1)
	<input type="checkbox"/>	This is a Safety Document, when all safety-related information is removed, the Document is not technically sound and complete. ( <i>Regulations</i> ¶ 8.7.2)
	<input type="checkbox"/>	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/2 <sup>nd</sup> by	Chaohua Wen (ITRI)/Kevin Chen (AUO)
	Discussion	XXXX
	Vote	7 Y-0 N; Motion passed

## IX. Intellectual Property (IP) Check

Note: This Letter Ballot may cover all or part of a Standard or Safety Guideline. Regardless of the coverage, this IP check applies to the entire Standard or Safety Guideline including all the approved Line Items\*. See *Regulations* § 16 for further information.

<input checked="" type="checkbox"/>	The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see <i>Regulations</i> ¶ 16.3.1.1) to the Standard or Safety Guideline; or, any
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	copyrighted items or trademarks that are used/reproduced (see <i>Regulations</i> ¶ 16.4.1.2) in the Standard or Safety Guideline. (Also see, <i>Regulations</i> § 8.8)			
x	The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)	GO TO SECTION X.		
	The question is answered in affirmative	Is any of the known IPs a patented technology?	Yes, at least one of them is a patented technology	GO TO IX (a) "Patented Technology" subsection
			No	GO TO IX (b) "Copyright items" subsection

**IX(a) Patented Technologies subsection**

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

# Fill number	(l) Known Patented Technology that might be relevant to the Standard/Safety Guideline	# Fill number	(m) Number of patented technologies first became known to the TC Chapter on or after the day of the issuance of this Letter Ballot	Postpone assessment of such patented technologies to be performed at the next scheduled TC Chapter meeting.
		# Fill number	(n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot	GO TO IX (a2)

**IX(a2) Assessment of disclosed patented technologies**

<b>Disclosed patented technology #1</b> (Brief description, e.g., patent title and number):		<b>Date of Assessment (If different from the date of Letter Ballot adjudication)</b> MM/DD/YYYY		
Is disclosed patented technology #1 found to be "might be material" to the Standard/Safety Guideline?	YES (It is a PMPT)	Is the use of this PMPT technically justified?	YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3)
	NO		NO	The Document is failed and returned to the TF
	NO	No further action is needed for patented technology #1		

*This table is needed for each disclosed patented technology.*

**IX(a3) LOA status check of PMPT of which inclusion assessed to be justified**

<b>LOA Status of PMPT #1</b>				
Has an LOA for this patented technology been received from every owner ?	YES	PROCEED to check NEXT one, or if this is the last one, GO TO IX(b)		
	NO	MOTO	Ask ISC for special permission to publish.	The Document is failed and returned to the TF
	Quit activity.			



				Wait for LOA	<b>PROCEED to check NEXT one, or if this is the last one, GO TO IX(b1)</b>
	<b>Motion by/ 2<sup>nd</sup> by</b>				Name (Company)/Name (Company)
	<b>Discussion</b>				XXXX
	<b>Vote</b>				XX Y-XX N; Motion passed (or failed)

*This table is needed for each PMPT of which inclusion assessed to be justified.*

**IX(b1) Total numbers of copyrighted items to be dealt with**

<b># Fill number</b>	(o) Known copyrighted items that are used or reproduced to the Standard/Safety Guideline	o > 0 There is at least one known copy righted items that might be relevant to the Standard/Safety Guideline	<b>GO TO IX (b2)</b>
		o = 0 There is no disclosed copyrighted item	<b>GO TO IX (c)</b>

**IX(b2) Assessment of disclosed copyrighted items**

<b>Disclosed copyrighted item #1</b> <i>(Brief description of its use in the Document):</i>					
Is disclosed copyrighted item #1 used or reproduced in the Standard/Safety Guideline?	YES	Is the use/reproduction of this copyrighted item technically justified?	YES	<b>PROCEED to assess NEXT one, or if this is the last one, GO TO IX(b3)</b>	
			NO	<b>The Document is failed and returned to the TF</b>	
	NO	No further action is needed for copyrighted item #1			

*This table is needed for each disclosed copyrighted item.*

**IX(b3) Copyright release status check of copyrighted item of which inclusion assessed to be justified**

<b>Copyright release Status of copyrighted item #1</b>					
Has the copyright release been received from its owner ?.	YES	<b>PROCEED to assess NEXT one, or if this is the last one, GO TO IX(c)</b>			
	NO	MOTION	Ask ISC for special permission to publish.		
			Quit activity.	<b>The Document is failed and returned to the TF</b>	
			Wait for copyright release letter	<b>PROCEED to check NEXT one, or if this is the last one, GO TO IX(c)</b>	
			<b>Motion by/ 2<sup>nd</sup> by</b>	Name (Company)/Name (Company)	

	<b>Discussion</b>	XXXX
	<b>Vote</b>	XX Y-XX N; Motion passed (or failed)

This table is needed for each copyrighted item of which use/reproduction assessed to be justified.

### IX(c) Assessment of disclosed (identified) trademark

Is there any trademark in the Standard/Safety Guideline?	YES	Is every instance of trademark use technically justified?	YES	GO TO IX(d)
			NO	The Document is failed and returned to the TF
	NO	GO TO IX(d)		

### IX(d) IP check completion condition check

The co-chair checks if any Patented Technologies first become known to the TC Chapter on or after the day of the issuance of this Letter Ballot? i.e., m>0 in IX(a1)	YES	Sections IX(a2) and IX(a3) shall be completed and recorded for such patented technologies at next scheduled meeting of the TC Chapter. Until then, the TC Chapter shall NOT go to X (making motion to pass/fail this Document) (see Regulations ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold.
	NO	GO TO X

## X. Action for This Document

Motion applicable items (Check all)	<input checked="" type="checkbox"/>	Line item(s) [1] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC 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 ISC A&R SC 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 ISC 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 TF 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>	Chaohua Wen (ITRI)/Kevin Chen (AUO)	
<b>Discussion</b>	XXXX	
<b>Vote</b>	7 Y-0N	
<b>Final Action</b>	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

Note: If the use of PMPT or copyrighted item is justified by the TC Chapter, LOA or release form must be received before publication can proceed.