

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

Region/Locale: [Japan](#)

Global Technical Committee: [FPD Materials & Components](#)

TC Chapter Cochairs: [Tadahiro Furukawa/Yamagata University](#), [Ryoichi Watanabe/Japan Display](#), [Toshimasa Eguchi/Sumitomo Bakelite](#))

Standards Staff: [Akiko Yoshida](#)

|  | Scheduled in Background Statement | Actual                     |
|--|-----------------------------------|----------------------------|
| Date   | <a href="#">2/16/2024</a>         | <a href="#">2/16/2024</a>  |
| Location   | <a href="#">SEMI Japan</a>        | <a href="#">SEMI Japan</a> |
| Reason for Change of Date and/or Location (if changed) |                                   |                            |

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

## [Document Information](#)

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

| Document Number           | Document Title  |  |
|---------------------------|---|--|
| <a href="#">7157</a>      | <a href="#">Line Item Revision to SEMI D38-0723, GUIDE FOR QUALITY AREA OF FLAT PANEL DISPLAY (FPD) MASKS</a> |  |
| <b>List of Line Items</b> | Line Item 1   | <b>Line Item Title</b><br><a href="#">Correction of the Inequality Signs</a> |
|                           |   |  |
|                           |   |  |
|                           |   |  |
|                           |   |  |
|                           |   |  |
|                           |   |  |
|                           |   |  |
|                           |   |  |
|                           |   |  |

## 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:**

| Voting Interest:          | Returned Votes |   | Distribution              | = | Return Rate |      |
|---------------------------|----------------|---|---------------------------|---|-------------|------|
| Letter Ballot             | 30             | ÷ | 44                        | = | 68.2%       | ≥60% |
| Intercommittee Ballot     | 9              |   |                           |   |             |      |
|                           |                |   |                           |   |             |      |
| Voting Interest Reject(s) | 0              |   | Total Voters with Rejects |   |             | 0    |
| Voting Interest Accept(s) | 24             |   |                           |   |             |      |
|                           |                |   |                           |   |             |      |
|                           |                |   |                           |   |             |      |

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

### III. Rejects

None.

### IV. Other Technical Issues

None.

### V. Comments

None.

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

None.

## VII. Approval Conditions Check

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

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

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

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

|               |   |         |   |                                 |   |        |  |      |
|---------------|---|---------|---|---------------------------------|---|--------|--|------|
|               |   |         |   |                                 |   |        |  |      |
|               |   | Accepts |   | (Accepts +<br>Valid<br>Rejects) |   |        |  |      |
| Approval Rate | = | 24      | / | 24                              | = | 100.0% |  | ≥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.

|                                    |          |  |
|------------------------------------|----------|--|
| <b>Motion</b>                      | <b>X</b> | <b>This is not a Safety Document</b> , when all safety-related information is removed, the Document is still technically sound and complete. ( <i>Regulations</i> ¶ 8.7.1) |
|                                    |          | <b>This is a 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/2<sup>nd</sup> by</b> |          | Shohei Miyazaki (SK-Electronics)/ Keitaro Kondo (HOYA Corporation)   |
| <b>Discussion</b>                  |          | None.  |
| <b>Vote</b>                        |          | 8 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.

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

#### IX(a) Patented Technologies subsection

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

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

|  |  |                    |   |  |
|--|--|--------------------|---|--|
|  |  | <b>Fill number</b> | the TC Chapter before the day of the issuance of this Letter Ballot |  |
|--|--|--------------------|---|--|

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

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| <b>Disclosed patented technology #1</b><br>(Brief description, e.g., patent title and number):        |  | <b>Date of Assessment (If different from the date of Letter Ballot adjudication)</b><br>MM/DD/YYYY |  |  |  |
| Is disclosed patented technology #1 found to be "might be material" to the Standard/Safety Guideline? |  | YES<br>(It is a PMPT)  | Is the use of this PMPT technically justified? |  | YES<br><b>PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3)</b> |
|   |  | NO   |  |  | NO<br><b>The Document is failed and returned to the TF</b>                         |
|   |  |  | 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 | <b>PROCEED to check NEXT one, or if this is the last one, GO TO IX(b)</b> |  |  |
|  |  | NO  | MOTION  | Ask ISC for special permission to publish.                                 | <b>The Document is failed and returned to the TF</b> |
|  |  |     |   | 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>#<br/>Fill number</b> | (o) Known copyrighted items that are used or reproduced to the Standard/Safety Guideline |  | o > 0<br>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<br>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><br><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  |   | NO  |   |
|  |  | 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> |  |   |
|   | MOTION | NO                                  |  | 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 | <b>GO TO IX(d)</b> |
|  |  |     |   | NO  |                    |
|  |  | NO  | <b>GO TO IX(d)</b>  |     |                    |

**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 | <b>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.</b> |
|  |  | NO  | <b>GO TO X</b>  |

## X. Action for This Document

|   |   |   |
|---|---|---|
| <b>Motion</b><br>(Check all applicable items) | <b>X</b>  | Line item(s) <b>1</b> passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.   |
|   |   | Line item(s) <b>[X], [X] and [X]</b> passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.   |
|   |   | Line item(s) <b>[X], [X] and [X]</b> 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. |
|   |   | Line item(s) <b>[X], [X] and [X]</b> failed TC Chapter review and will be returned to the TF for rework.  |
|   |   | Line item(s) <b>[X], [X] and [X]</b> failed TC Chapter review and work will be discontinued.  |
| <b>Motion by/ 2nd by</b>                      | <b>Shohei Miyazaki (SK-Electronics)/ Keitaro Kondo (HOYA Corporation)</b> |   |
| <b>Discussion</b>                             | <b>None.</b>  |   |
| <b>Vote</b>                                   | <b>8 Y-0 N</b>  |   |
| <b>Final Action</b>                           | <b>X</b>  | Motion passed   |
|   |   | Motion failed   |

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