

# Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **North America**

Global Technical Committee: **3D Packaging & Integration**

TC Chapter Cochairs: **Bill Kerr/Evergreen Enhancement, Chris Moore/Covalent Metrology**

Standards Staff: **Laura Nguyen**

|  | Scheduled in Background Statement | Actual     |
|--|-----------------------------------|------------|
| Date   | 07/15/2021                        | 07/15/2021 |
| Location   | OVTCCM                            | OVTCCM     |
| Reason for Change of Date and/or Location (if changed) |                                   |            |

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

## I. Document Number and Title

|                                |  |
|--------------------------------|--|
| <b>Document Number</b><br>6811 | <b>Document Title</b><br>Reapproval of SEMI 3D2-0216, Specification for Glass Carrier Wafers for 3DS-IC Applications |
|--------------------------------|--|

## 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             | 64             | ÷ | 102                       | = | 62.7%       | ≥60% |
| Intercommittee Ballot     | 52             |   |                           |   |             |      |
|                           |                |   |                           |   |             |      |
| Voting Interest Reject(s) | 0              |   | Total Voters with Rejects |   | 0           |      |
| Voting Interest Accept(s) | 55             |   |                           |   |             |      |
|                           |                |   |                           |   |             |      |

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

### III. Rejects

None

### IV. Other Technical Issues

None

### V. Comments

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

None

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

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 Rejects) |   |        |  |      |
| Approval Rate | = | 55      | / | 55                           | = | 100.0% |  | ≥90% |
|               |   |         |   |                              |   |        |  |      |
|               |   |         |   |                              |   |        |  |      |

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

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

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

The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.

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#### Need a Ratification Ballot:

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

## VIII. Safety Check

Note: See *Regulations § 15* for further information.

|                              |   |   |
|------------------------------|---|---|
| Motion                       | X | 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 ¶ 8.7.1</i> ) |
|                              |   | This is a <b>Safety Document</b> , 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/2 <sup>nd</sup> by |   | By: Steve Martell / Nordson SONOSCAN<br>Second: Ilona Schmidt / Corning Inc.  |
| Discussion                   |   | None  |
| Vote                         |   | 6 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\*. See *Regulations § 16* for further information.

|                  |   |   |
|------------------|---|---|
| X                | The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see <i>Regulations ¶ 16.3.1.1</i> ) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations ¶ 16.4.1.2</i> ) in the Standard or Safety Guideline. (Also see, <i>Regulations § 8.8</i> ) |   |
|                  | 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. |   |   |

## X. Action for This Document

|                              |   |   |  |
|------------------------------|---|---|--|
| Motion                       | X | This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review. |  |
| Motion by/2 <sup>nd</sup> by |   | By: Gregory Arslanian / Air Products<br>Second: Ilona Schmidt / Corning Inc.                                      |  |
| Discussion                   |   | none  |  |
| Vote                         |   | 6 Y 0 N   |  |
| Final Action                 | X | 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.