Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: North America

Global Technical Committee: Microlithography

TC Chapter Cochairs: Bryan Barnes (NIST), Wes Erck

Standards Staff: Kevin Nguyen

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| --- | --- | --- |
|  | Scheduled in Background Statement | Actual |
| Date  | 2/24/2016 | 2/24/2016 |
| Location | San Jose Convention  | San Jose Convention |
| Reason for Change of Date and/or Location(if changed) |  |

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

I. Document Number and Title

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| --- | --- |
| **Document Number 5909** | **Document Title****Reapproval for SEMI P48-1110, Specification of Fiducial Marks for EUV Mask Blank** |

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* ¶ 9.7.1.1)**

**Voting Tally:**

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

III. Rejects

IV. Other Technical Issues

V. Comments

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

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**APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change.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

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

Note: See *Regulations* § 9.7.2 for further information.

|  |  |
| --- | --- |
| x | Globally Approved (No Ratification Ballot needed):The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee. |
|  | 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.

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| **Motion** | **x** | **This is not a Safety Document**, when all safety-related information is removed, the Document is still technically sound and complete.(*Regulations* ¶ 8.7.1) |
|  | **This is a Safety Document**, when all safety-related information is removed, the Document is not technically sound and complete.(*Regulations* ¶ 8.7.2) |
|  |   | Safety Checklist (*Regulations* ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (*Regulations* ¶ 15.1.2) |
| **Motion by/2nd by** | Wes Erck/ John Gookassian (Synopsys) |
| **Discussion** | XXXX |
| **Vote** | 4 **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. 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 potentially material patented technology or copyrighted items\* in the Standard or Guideline. (*Regulations* ¶ 8.8.1) |
|  | x | No potentially material patented technology or reproduction of copyrighted items is known. | **GO TO SECTION X.** |
|  | Potentially material patented technology or reproduction of copyrighted items is 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 X.** |
|  | Potentially material patented technology or reproduction of copyrighted items is 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 **Y**-XX **N** |
| **Final Action** |  | Motion passed |
|  | 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

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| --- | --- | --- |
| **Motion**  | **x** | This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review. |
|  | This Document passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review. |
|  | This Document 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. |
|  | This Document failed TC Chapter review and will be returned to the TF for rework. |
|  | This Document failed TC Chapter review and work will be discontinued. |
| **Motion by/****2nd by** | Wes Erck/ John Gookassian (Synopsys) |
| **Discussion** | XXXX |
| **Vote** | 4 **Y**-0 **N** |
| **Final Action** | x | Motion passed |
|  | Motion failed  |

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

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| --- | --- | --- |
| **A&R** |  | **Approved for publication** |
|  | **Approved pending acceptance of the Ratification Ballot** |
|  | **Not approved** |
| **Reason:** |