ANSI 117-2015 Letter Ballot (Ballot 2)

**Ballot issue date: 01/06/2015 Ballot closing date: 02/06/2015**

**Ballot Instructions:**

1. All members are required to return the letter ballot. Failure to return 3 consecutive letter ballots will lead to the termination of the membership from this committee.
2. All votes shall be cast by marking the appropriate column of each ballot item.
3. Ballot items marked Negative or Affirmative-with-Comment shall be accompanied by a written explanation and proposed resolution that would address the negative using the comment form at the end of this ballot form.

Exception: A written explanation and proposed resolution is not required for a ballot item to find a negative non-persuasive.

1. The Committee activities for the development of this standard can be found at [www.apawood.org/standards](http://www.apawood.org/standards).
2. Return ballot by e-mail to [borjen.yeh@apawood.org](mailto:borjen.yeh@apawood.org). Please attach the completed ballot and comments as a word processor file (e.g., Microsoft Word) to facilitate the collection of comments for committee actions.

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| Committee Member Name | | Signature (not required with e-mail) | | Date |

**Ballot** (Aff = affirmative; Aw/C = affirmative with comment; Neg = negative; Abst = abstention)

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| Item | Section | Description | Aff | Aw/C | Neg | Abst |
| 1 | 2.11 | **Revise the 1st sentence of Section 2.11 as follows:**  In lieu of specific data, the modulus of rigidity shall be taken as 1/16 of the long-span modulus of elasticity, as defined in ASTM D3737 (10), or Etrue for the lowest grade lamination used in the lay-up.  **Rationale:** Clarification. **This is an additional change from Item 3 of Ballot 1** in response to a negative vote from Ballot 1. “Etrue” is referenced in the National Design Specification for Wood Construction (NDS) as a shear-free modulus of elasticity, and “long-span E” is referenced in ASTM D3737 specifically for glulam for the same physical meaning. |  |  |  |  |
| 2 | 3.1 | **Revise the Section as follows:**  Lumber grades shall be in accordance with Annex C of this Standard and Section 4.3 – *Lumber for Laminating* of ANSI A190.1 (4). *~~AITC Grading Handbook for Laminating Lumber~~* ~~(1) summarizes the requirements for laminating grades of approved species and references approved grading rules.~~  **Rationale:** **This is a revision from Item 5 of Ballot 1.** The laminating lumber grading rules were previously published in AITC 117-2004 (and earlier versions), but were removed from the standard in 2010. As a result of comments from Ballot 1, the ExSub of this Committee, and the APA and WCLIB members support the addition of the grading rules back to ANSI 117-2015 so that the glulam industry can have consensus-based grading rules. |  |  |  |  |
| 3 | New Annex C | **Add a new Annex C, as shown in** **Attachment B1**.  **Rationale:** See Rationale for Item 2 above. The new annex to ANSI 117-2015 is the same as Annex C to AITC 117-2004 with only some minor editorial changes. This annex is consistent with the current glulam industry practice. |  |  |  |  |
| 4 | Table A1-Expanded | **Revise Table A1-Expanded, as shown in Attachment B2**.  **Rationale:** Add clarification to true (shear-free) E and apparent E. |  |  |  |  |
| 5 | References | **Revise References, as shown in Attachment B3**.  **Rationale:** Update the references for the new Annex C. |  |  |  |  |
| 6 | 1.2 | **Revise the table in Section 1.2, as shown in** **Attachment B4**.  **Rationale**: Based on the recommendation from WCLIB. |  |  |  |  |

**Comment Form for the ANSI 117-2015 Letter Ballot 2**

Required only for Negative or Affirmative-with-Comment

**Please attach this page to the e-mail ballot return**

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| Item | Comments |
| 1 |  |
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