



Minutes
BUILDING CODE ADVISORY COMMITTEE
CITY AND BOROUGH OF JUNEAU
COMMITTEE MEETING

June 8, 2015
5:00 PM
Juneau Fire Station

I. Roll Call

Committee members present: Pat Gorman, Doug Murray, Chris Gianotti, and Russ McDougal..

CBJ staff present: Charlie Ford, John Young, Dan Jager, and Sven Pearson

Others present. None

II. Approval of Minutes

Minutes from April 20th meeting – Approved..

III. Public Participation of Non-Agenda Items

None

IV. Completed Action Items

- Committee continues discussion of IECC adoption.
- **Dan continues the 2012 IFC review.**
SFM 2012 Update: (Not Approved Yet)
Dan provided information on SFM modifications to the **2012 Fire Code**
Some Significant Changes were included.
Chapter 9 continued
 - **19.10.907.1.4** – Fire alarm and detection systems: Licenses – **Keep**
 - **19.10.907.2.3** – Fire alarm and detection systems: Group E – **Keep**
 - **19.10.907.2.10** – Fire alarm and fire detection systems: single & multiple station smoke alarm.
Keep – change number to 907.2.11
 - **19.10.907.2.10.1.2** – Fire alarm detection systems single multiple & station where required Groups R-2, R-3, I-1 – **Keep – change number to 907.2.11.2**
 - **19.10.907.2.11.3** – Interconnection – Add new paragraph dealing with more than 12 interconnected smoke alarms needing NFPA 72 compliance. - **Draft**
 - **19.10.907.7.2** – Revised by adding new paragraph dealing with acceptance letter within 30 days of completion. **Draft**
 - **19.10.907.47.8** – **Delete** – replaced by previous Title 19 reference.
 - **19.10.907.17** – Fire alarm detection systems record of completion. – **change number to 907.7.2.1**
Keep
 - **19.10.909.18** – Replace wording of added paragraph to correspond to SFM modification. – **Draft**
 - **19.10.910.1** – **Keep (SFM)****Chapter 10**
 - **19.10.1001.1** – Added wording requiring compliance with AS 18.70.080. - **Draft**
 - **19.10.1002.1** – Stairways, Private definition – **Keep**
 - **1004.1.2 & Table 1004.1.2** – **Sig. Change** - Design Occupant Load without Fixed Seating – Changes occupant load requirements for museums and exhibit galleries in A Occupancies.
 - **19.10.1007.6** – Areas of Refuge – **Keep**

- **19.10.1008.1.4** – Floor Elevation – Change number to 1008.1.5 – **Keep**
- **19.10.1009.0** – Stairways general – **Keep (SFM)**
- **19.10.1009.1** – Stairway width – Change number to 1009.4 - **Keep**
- **19.10.1009.3** – Stairway tread and riser – Change number to 1009.7.2 and change added paragraph to #8. – **Keep**
- **19.10.1009.5** – Stairway landing – Change number to 1009.8 – **Keep**
- **19.10.1009.6.2** – Stairway construction; outdoor conditions, - Change number to 1009.9.2 – **Keep**
- **19.10.1009.10** – Alternating tread devices. – Change number to 1009.13 – **Keep**
- **19.10.1010.7.2** – Ramp construction; outdoor conditions. – Change number to 1010.8.2 – **Keep**
- **1011.2** – Floor level exit signs in Group R-1 – **Sig. Change**
- **19.10.1013.3** – Guards; opening limitations. Delete Exception #6. SFM deleted, no longer applicable.
- **19.10.1018, Table 1018.1** – Corridor fire resistance rating. – Add footnote d. dealing with R-2 exceptions. (SFM) - **Draft**
- **19.10.1019.1** – Add sentence at the end of the paragraph “Exterior balconies shall be designed to minimize accumulation of snow or ice that impedes the means of egress.” - **Draft**
- **19.10.1026.1** – Emergency escape and rescue; general – Delete exception #1 and #3 (SFM) **Draft**
- **19.10.1026.6** – Replacement of emergency escape and rescue windows. – Change number to 1029.6 – **Keep**

Chapter 11 (Formerly Chapter 46)

- **1104.16.5.1** – Examination of Fire Escapes. – Requires existing exterior fire escapes to be inspected by a qualified professional every 5 years or as required by Building/Fire Official. **Sig. Change**
- **Table 1104.17.2** – Common path Dead End and Travel Distance Limits. Increased travel distance for dead ends and travel distance for sprinklered Group A, Group R-2, and Group U. **Sig. Change.**
- **19.10.2005** – Portable fire extinguishers – SFM has deleted 2005.8 - **Draft**
- **19.10.2006.3** – Adds new exception to read “A vehicle or trailer tank with a capacity of 250 gallons or less may be used for non-commercial refueling of non-commercial aircraft if certain requirements are met. – **Draft**
- **19.10.2211.2.3** – SFM deleted as section covered in IFC. – **Delete**
- **19.10.2301.2** – High piled combustible storage permits. Change number to 3201.2 – **Keep**
- **19.10.2306.2.3** – Above-ground tanks located outside above grade. Adds item #6 dealing with location and enclosures. – **Draft**
- **19.10.2306.7.7.1** – Leak detection – Adds exception dealing with piping requirements. – **Draft**
- **19.10.2311.2.3** – Drainage and disposal of liquids and oil soaked waste. – Adds sentence dealing with drainage locations. – **Draft**
- **19.10.2701.5** – Hazardous Materials Permits – Change number to 5001.5 – **Keep**
- **19.10.3301.1.3** – Explosives and fireworks; general. – Add sentence to exception referencing State Law – **Draft** – Change number to 5601.1.3 (SFM) – **Keep**
- **19.10.5601.1** – Add new section dealing with licensing for possessing transporting and selling dangerous fireworks. – Change number to 5601.1.1.6 (SFM) **Keep - Draft**
- **19.10.3301.1.6** – Modified in 5601.1 – **Delete - Draft**
- **19.10.3301.2** – Explosives and fireworks permit required. SFM doesn’t require anymore. – **Delete**
- **19.10.5601.1** – **Scope of IFC** – Revised by deleting sections 5601.2, 5601.2.4 and 5601.2.4.2. – **Draft**
- **19.10.3302.1** – Definition – No longer applicable – **Delete**
- **19.10.3308.2** – Fireworks displays permit; Application – Change reference to 19.10.5608. Change title to Fireworks; Retail sales and displays. (SFM) **Keep**
- **19.10.3308.2.3** – Fireworks display; permit application; delivery of fireworks. Change reference to 5608.2.3 – **Keep**
- **19.10.3308.6.1** – Fireworks displays; installation of mortars; mortar construction. Change number to 5608.6.1 – **Keep**
- **19.10.3308.11** – Fireworks displays; retail display and sale. SFM changed Section title to Retail sale of salable fireworks. Change Section number to 5608.11 – **Draft**
- **19.10.3401.4** – Flammable and combustible liquids; Permits. Change number to 5701.4 – **Delete**
- **19.10.3404.2.10** - Flammable and combustible liquids; storage, drainage and dikes. Change number to 5703.4 – **Keep**

- **19.10.3404.2.13.1.4** - Flammable and combustible liquids; tanks abandoned in place. Change number to 5704.2.13.1.4. – **Keep**
- **19.10.3404.3.5.1** - Flammable and combustible liquids; basement storage. – Change number to 5704.3.5.1 – **Keep**
- **19.10.3501.3** – Flammable gases; general; plan review. – Change number to 5801.3 – **Keep**
- **19.10.3801.2** - LPG permits.- Change number to 6101.2 – **Keep**
- **19.10.Chapter 45** - Referenced Standards. NFPA – NFPA 10, 2010 Edition, NFPA 13, 2010 Edition, NFPA 13D, 2010 Edition, NFPA 13R, 2010 Edition, NFPA 14, 2010 Edition, NFPA 72, 2010 Edition, NFPA 750, 2010 Edition.
- **19.10.Appendix A** – **Keep**
- **19.10.Appendix B** – **Keep**
- **19.10.Appendix C** – **Keep**
- **19.10.Appendix D** – **Keep**
- **IFC Appendix D105.1** Where required. – **Sig. Change** – Modification. This section was revised to require the height of a building to be measured from it's grade plane to the highest peak of a pitched roof, intersection of the roof to an exterior wall, or top of parapet whichever is greater.
If the height from grade plane is more than 30 feet , a fire apparatus access road designed to accommodate an aerial ladder truck is required with a minimum of 26 feet in immediate vicinity of building located at least 15 feet but not more than 30 feet from building and must be parallel on one side of the building.
- **19.10.Appendix E** – **Don't Adopt**
- **19.10.Appendix F** – **Don't Adopt**
- **19.10.Appendix G** – **Don't Adopt**
- **19.10.Appendix H** – **Don't Adopt**
- **19.10.Appendix I** – **Don't Adopt**
- **19.10.Appendix J** – **Don't Adopt**

V. Remaining Action Items

- IECC discussion. Appraisal questions. Cost-effective questions. No decision on adoption.
- Doug – Define flexible metal duct - 19.07.603.1
- Doug – Review 19.07.Table 10-A
- Doug – Check NFPA for consistency with **19.09.305.9 (305.13)**
- Charlie – Check with Gen. Eng. Concerning **Section 305.0 (2009) “Sewers Required”** deleted from 2012
- Charlie – Check with Shawn concerning **Section 316.1 (2009) “Types of Joints”** deleted from 2012
- Charlie – Compare **Section 422 “Minimum Number of Required Fixtures”** with IBC Table
- Charlie – **Section 415.0 “Drinking Fountains”** – “shall not be required for occupant load of 30 or less” - 19.03.Table 2902.1 adds a footnote “e” that states “drinking fountains are not required for occupant loads less than 60”. We need consistency.
- **605.0 – Shawn to Review - Significant Change - Joints and Connections** – Massive Rewrite and Expansion of 2009 Section. **Contains regulations on different types of piping and connectors.**
- **705.0 – Shawn to Review - Significant Change** – Massive rewrite and Expansion of 2009 Section describing regulations on different types of piping and connectors.
- **19.06.1.811.9 – Fix Typo. PVCPVC**
- **1213.3 – Shawn to Review - Test Pressure** – Change in test procedure
- **1213.6 – Shawn to Review - Purging Requirements** – Section rewritten
- **Appendix C** – Was Appendix L – **Action Item – Doug**
- **Committee to review 2012 IECC and discuss possible future adoption with modifications.**
- **Charlie to write New Section for IBC/UPC allowing Unisex Restrooms as an option to required separate facilities.**
- **Sections 1005.3.1 - Means of Egress Sizing – Stairways – and Section 1005.3.2 - Means of Egress Sizing – Other Egress Components** – allows reduction in egress width if building is sprinklered - check 2009 IBC to see if Significant Change - Charlie.

- Doug – 2902.1 research for deletion – **Paragraph after #2 requirement.**

VI. New Action Items

- None

VII. Old Business

- **Progress on 2012 Code Review:**
- Charlie completed 2012 IPMC review.
- Charlie completed 2012 IEBC review.
- Doug completed 2012 IFGC review.
- Doug completed 2012 IMC review.
- Doug completed 2012 UPC review.
- Joann begins 2012 IBC review (through middle of Chapter 7)
- Joann continues 2012 IBC review (through Section 1008.1.9.11)
- Dan begins 2012 IFC review (through 806.2)
- Dan continues 2012 IFC review (through 907.2.3)

VIII. New Business

- None

IX. Schedule for Next Committee Meeting

- TBD
- **Adjournment** 6:40 PM