

# **Fire & Life Safety Section**

## **International Association of Fire Chiefs**



# **Group A**

# **Code Change Cycle**

# **Report**

**March 1, 2016**

Initial Positions by IAFC Fire & Life Safety Section	
S = Support	O = Oppose
SWA = Support with Amendment	M = Monitor

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## SUMMARY

FLSS took a position on 117 Public Comments (15 were Priority items)  
 FLSS achieved the desired outcome on 95 Public Comments (11 were Priority)  
 81% success on reaching the desired outcome (73% for the Priority items)

Priority items have \* by Code Change Number

Items highlighted in **RED** are those where FLSS wanted a different outcome

IBC-E – International Building Code/Egress					
#	Proponent	Initial FLSS Position	FLSS Position at PCH	Result	Comments
E11	Steve Thomas, CO Code Consulting	O	D	D	Revises occupant load factor for industrial uses
E20	BCAC	SWA	D	D	Panic hardware on every door to a refrigeration machinery room
E21	Lee Kranz, Bellevue, WA	O	D	D	Door swing and panic hardware in electrical rooms
E25	Greg Keith, Boeing	S	AM	AM	Clarifies language to determining adequacy of access to exits
E26	Rick Lupton, Seattle Planning and Development	O	D	D	Requires 2 exits in every room in Group A building; not appropriate in small rooms or bathrooms
E27	BCAC	O	D	AS	Eliminates the stair enclosure requirements
E40	Lawrence Lincoln, Utah Chapter <b>PC 2 by FLSS</b>	O	AMPC 2	AMPC 2	Reduction of fire rating in sprinklered buildings for exterior areas of assisted rescue
E42	Steven DiGiovanni, Clark County	SWA	AS	D	2-way communication at elevators required for accessible egress
E56	John Woestman, Kellen Company	S	D	D	Adds definition for Control Vestibules, but no requirements or guidance
E57 Pt I *	John Woestman, Kellen Company	SWA	AMPC 1	AMPC 1	Optional locking criteria for school classrooms.
E63	Lee Kranz, Bellevue, WA	O	D	D	Allows thumb turn locks on egress doors with an occupant load of up to 300
E64	CTC	O	D	AMPC 1	Locking arrangements on doors to a closet or bathroom in assisted living and residential care facilities
E66 *	James Peterkin	SWA	AMPC 1	AMPC 1	Allows delayed egress in A occupancy courtrooms, but only on doors other than the main entrance/exit.

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**IBC-E – International Building Code/Egress**

#	Proponent	Initial FLSS Position	FLSS Position at PCH	Result	Comments
E68	BCAC	SWA	AMPC 1	AMPC 1	Delayed egress in Group E rooms with occupant load <50
E76	Lee Kranz, Bellevue, WA	O	D	D	Locking elevator lobby doors
E82	Lee Kranz, Bellevue, WA	M	AMPC 1	AMPC 1	Stairway landing size
E102	Greg Keith, Boeing	M	D	D	Changes travel distance measurement when measuring an exit access stairway. Allows a non-fire-rated stair enclosure in an atrium.
E110	Raymond Grill, Arup	M	D	AS	Allows elimination of the door between exit stair and exit passageway, but allows other openings into the exit passageway
E112	William Koffel, Firestop Contractors Int'l Assoc	M	AS	AS	Allows the installation of wiring for security systems to penetrate the stairway walls
E113	William King, VBOA	SWA	AMPC 3	AMPC 3	Allows installation of security wiring through the shaft wall of the stairway
E115	Lee Kranz, Bellevue, WA	O	D	AMPC 1	Requires standpipe in ALL exit stairways, even when building does not need standpipe
E127	William Koffel, Koffel Assoc	S	D	D	Reduces requirements for stairways entering a lobby at ground level
E133	Dan Nichols, NY State	S	AS	D	Eliminates the reference to a life safety evaluation in NFPA 101 and allows a Fire and Life Safety Evacuation Plan
E145	Jeff Shapiro, Int'l Code Consultants	S	AS	AS	Allows elimination of emergency escape and rescue openings in basements with 2 means of egress and the home is sprinklered

**IBC-FS – International Building Code/Fire Safety**

#	Proponent	Initial FLSS Position	FLSS Position at PCH	Result	Comments
FS1 *	Jeff Shapiro, Int Code Consultants	S	AS	D	Clarifies the allowance of sprinklers in alternate methods
FS2	Dan Nichols, State of NY	O	AS	D	Prefer the solution in FS1, but need to get one of the two items into the code to address how to use sprinklers in alternate methods
FS4	Albert Wege, Wege & Co	O	D	D	Marking of fire walls and fire barriers
FS16	Ali Fattah, San Diego Development Services	M	D	D	Exterior canopies and appendages
FS26	Galen Taylor, LA County FD	M	D	D	Height of parapets above the roof limited according to code official, not fire code official
FS27	FCAC	S	AM	AM	Allows lot lines to be established for ownership purposes within buildings without requiring a fire wall on that lot line – common in covered mall construction

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**IBC-FS – International Building Code/Fire Safety**

#	Proponent	Initial FLSS Position	FLSS Position at PCH	Result	Comments
FS30	Sam Francis, American Wood Council	M	D	D	Allows CLT to be used to construct fire walls in Type IV buildings
FS35	FCAC	S	AS	D	Requires fire barrier between fire pump room and the remainder of the building
FS41 *	Jeff Shapiro, Int Code Consultants	M	AS	D	Allows increase of draftstopped attic area when specific construction requirements are met
FS142	Ali Fattah, San Diego Development Services	M	D	D	Creates obstruction for hoselines from standpipe in the stairway to access the floor
FS156 *	Mathew Dobson, Vinyl Siding Institute	M	D	D	Allows vinyl siding insulated with foamed plastic
FS170	Samir Mokashi, Underwriters Lab	O	D	D	Eliminates flame spread criteria for foamed plastic insulation located below grade and between the foundation and earth
FS171	Samir Mokashi, Underwriters Lab	O	D	D	Eliminates flame spread criteria for foamed plastic insulation located below grade and between the foundation and earth.

**IBC-G – International Building Code/General**

#	Proponent	Initial FLSS Position	FLSS Position at PCH	Result	Comments
G1	Victor Cuevas, Los Angeles	O	D	D	Contradicts with canopy and roof only requirements
G7	Michael Anthony, Univ of Michigan	O	D	D	Changes definition of dormitory to only include student residence
G9	FCAC, CTC	S	AMPC 2	AMPC 2	Clarifies application of dwelling unit and sleeping unit
G22	Sarah Rice, Preview Group	SWA	AMPC 2	AMPC 1	Moves all definitions to Chapter 2 and removes references in each chapter
G24	Steve Thomas, Colorado Code Consulting LLC	S	AMPC 2	AMPC 2	Additional protection for occupied roofs classified as Group A
G33	CTC	O	D	D	Deletes the requirement to add sprinklers when constructing certain occupancies under the IRC
G40	BCAC	S	AMPC 1	AMPC 1	Correlates R-3 classification with IRC
G41	Tony Apfelbeck, Altamonte Springs	S	AS	D	Requires fire sprinklers in new small lodging houses when constructed under the IRC
G43	Steve Thomas, CO Code Consulting	O	AS	AS	Allows storage rooms to be accessory to the main occupancy of the building so they are not classified as Group S
G51 to G63	David Collins, AIA	O	D	D	Each of these code changes has the same result of relocating requirements from Chapter 4 Special Use and Occupancies to various locations throughout the IBC. This does not improve clarity or user friendliness.

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**IBC-G – International Building Code/General**

#	Proponent	Initial FLSS Position	FLSS Position at PCH	Result	Comments
G64 to G75	David Collins, AIA	O	D	D	Each of these code changes has the same result of relocating requirements from Chapter 4 Special Use and Occupancies to various locations throughout the IBC. This does not improve clarity or user friendliness.
G76	Steve DiGiovanni, So NV Chapter	S	AMPC 2	D	Requires a fire command center in a covered mall over 100,000 sq.ft.
G77	Bob Davidson, Davidson Code Concepts	M	D	AS	Changes the requirements for exit passageways in malls
G78	Gene Boecker, Code Consultants, Inc	O	D	D	Allows electrical components and high voltage distribution wiring to be exposed in the exit passageway at a mall
G79	Steve DiGiovanni, So NV Chapter	SWA	D	D	Does not clarify the code language
G80	BCAC	O	D	AMPC 1	Allows sprinkler systems to reduce the fire-resistance rating of structural components in Group H occupancies
G82	Raymond Grill, Arup	O	D	D	Eliminates the additional stairway in R-1 over 420' in height
G87	Brad Schiffer	O	D	D	Eliminates 2 <sup>nd</sup> fire service access elevator in Group R-2 with less than 6 dwelling units
G88	Jeff Hugo, NFSA	S	AS	D	Clarifies application of the exception for use of sprinklered atriums
G89	Bob Davidson, Davidson Code Concepts	O	D	D	Sprinklered atriums, but it is unclear. G88 is a better fix.
G93	Steve DiGiovanni, So NV Chapter	S	AS	D	Allows new technologies to be accepted in the code without a request for alternate method
G105 *	BCAC, FCAC	O	AS	AS	Allows domestic cooking appliances in Group I-2, Condition 1
G109	Vickie Lovell, InterCode Inc	S	AMPC 1	AMPC 1	Increases smoke compartments in Group I-2 to 40,000 sq.ft.
G111	Health Care Adhoc Comm	O	AS	AS	Allows traveling through one smoke compartment to get to a 2 <sup>nd</sup> smoke compartment and then to exit in hospitals
G114	Steve DiGiovanni, So NV Chapter	S	AMPC 1	D	Allows proscenium wall to terminate at a 2-HR horizontal assembly
G117 *	Bob Davidson, Davidson Code Concepts	S	AMPC 1	AMPC 1	Eliminates reference to ASTM E 1725, which is not equivalent to fire conditions
G121 *	FLSS	S	AS	AS	Allows domestic cooking appliances in R-2 dorms
G123	CTC, FCAC	S	AS	AS	Allows domestic cooking appliances in Group I-1
G127	Lee Kranz, Bellevue, WA	S	AMPC 1	AMPC 1	Adds construction requirements for medical gas rooms into IBC
G135	Stephen Skalko, Masonry Alliance	O	D	D	Require 2 access roads for buildings which are 4 or more stories AND of Type III, IV or V construction
G139	BCAC	S	D	AS	Creates conflicting egress provisions for mezzanines in Exceptions 2 and 5
G143	Ali Fattah, San Diego	O	D	D	Adds definition of fire apparatus access road and requires all frontage be accessed by fire apparatus access roads. Eliminates use of fire lane.

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**IBC-G – International Building Code/General**

#	Proponent	Initial FLSS Position	FLSS Position at PCH	Result	Comments
G144	William Hall, Portland Cement Assoc	SWA	D	D	Changes the area increase based on frontage for buildings of Type III, IV and V construction
G147 *	Jeff Hugo, NFSA	O	D	D	Increases the area of accessory use areas from 10% to 25%
G152	Vicki Lovell, Fire Safe North America	M	D	D	Bases building fire-resistance rating on whether or not the building is located in a flood hazard area
G165 *	Dennis Richardson, American Wood Council	O	D	D	Allow CLT for Group R-1 and R-2 buildings up to 9 stories in height
G170	BCAC	M	D	D	This was intended to be a clean-up, but the proponent of the Public Comment states it has a technical error and is urging Disapproval
G200	CTC	O	D	D	Change requirement to prevent water in elevator shafts from 75' to 420'.
G204	CTC	O	AS	AS	Clarifies the requirement to keep sprinkler water out of the elevator shaft.
G206	Dave Frable, GSA	O	D	D	Limits the standby power requirement for fire service access elevators to only 2 hours
G210	Dave Frable, GSA	SWA	D	D	Limits the standby power requirement for occupant evacuation elevators to the time for evacuation based on fire modeling
G213 *	FLSS	S	AMPC 6	D	Criteria for structural design of temporary tents and membrane structures
G221	Victor Cuevas, City of LA	O	D	D	Allows reduction in fire-resistant construction for structure supporting roof mounted PV systems which allow for access or parking beneath the panels
G228	William Hall, Portland Cement Assoc	O	D	D	Requires access roads on all sides of buildings of combustible construction when 4 or more stories in height. There are many times when access cannot be accomplished on all sides.
G232	Ali Fattah, City of San Diego	O	D	D	Requires 24 hour fire watch when building construction exceeds 40' in height, specifies that the fire watch can have no other duties. Oftentimes performed by security personnel.

**IEBC – International Existing Building Code**

#	Proponent	Initial FLSS Position	FLSS Position at PCH	PCH Result	Comments
EB21 *	FLSS, BCAC	O	AMPC 1	AMPC 1	Requires CO alarms in Groups I-1, I-2, I-4 and R occupancies when additions or alterations occur
EB23	FLSS, BCAC, FCAC	S	AMPC 1	D	Provides locking arrangement on the existing classroom doors for lockdown
EB28	Jeff Hugo, NFSA	S	D	AS	Protection of exterior openings near fire escapes. This code change conflicts with IFC 1103.1, Exc 1 and IEBC 803.6
EB59	FLSS	S	AS	D	Removes exception which eliminates the sprinkler system requirement when a fire pump may be required

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IEBC – International Existing Building Code					
#	Proponent	Initial FLSS Position	FLSS Position at PCH	PCH Result	Comments
EB60	FLSS	S	AS	D	Removes exception which eliminates the sprinkler system requirement when a fire pump may be required
EB61	FLSS	O	AM	AM	Removes exception which eliminates the sprinkler system requirement when a fire pump may be required
EB74	BCAC	S	AMPC 1	AMPC 1	Specifies that an existing building must maintain the current level of safety, or comply with the current IBC for new construction
EB86	Jeff Hugo, NFSA	SWA	D	D	Adjusts values in the table for fire protection features and confuses the issue of a required fire sprinkler system or a voluntary fire sprinkler system
EB88	Jeff Hugo, NFSA	SWA	D	D	Adjusts values in the table for fire protection features and give credit for a complying fire sprinkler system and then additional credit for quick response sprinklers which are already required to have a complying sprinkler system

IMC – International Mechanical Code					
#	Original Proponent	Initial FLSS Position	FLSS Position at PCH	PCH Result	Comments
M98	Mike Fischer, Polyurethanes Industry of the American Chemistry Council	M	D	D	Allows spray-applied polyurethane foam for duct insulation in attics and crawl spaces to have an increased smoke-development of 450 (rather than 50)
M106*	Jonathan Roberts, UL	M	D	D	Allows an unvented alcohol fuel-burning appliance in specific circumstances

IPC – International Plumbing Code					
#	Original Proponent	Initial FLSS Position	FLSS Position at PCH	PCH Result	Comments
P101, Pt II*	Julius Balanco, JB Engineering	M	AS	D	Increases the domestic water service from ¾” to 1”