

FS142-15

909.20.1

Proposed Change as Submitted

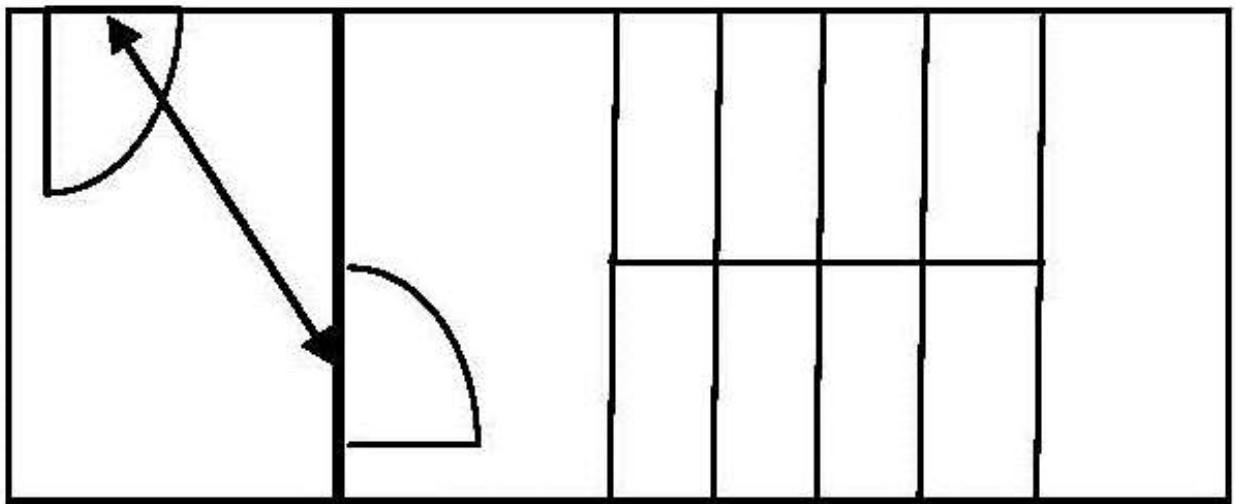
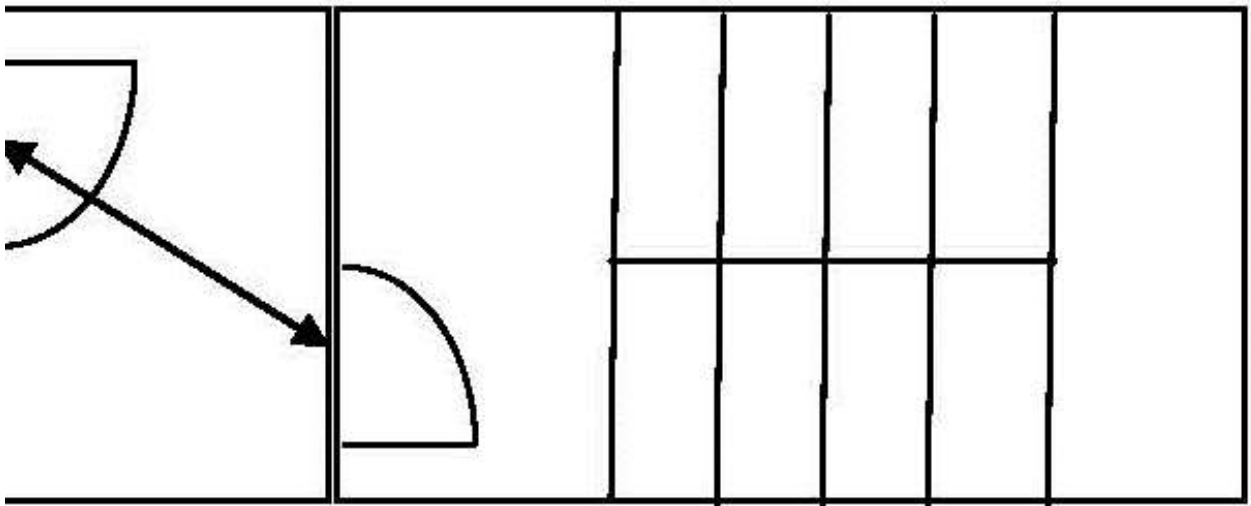
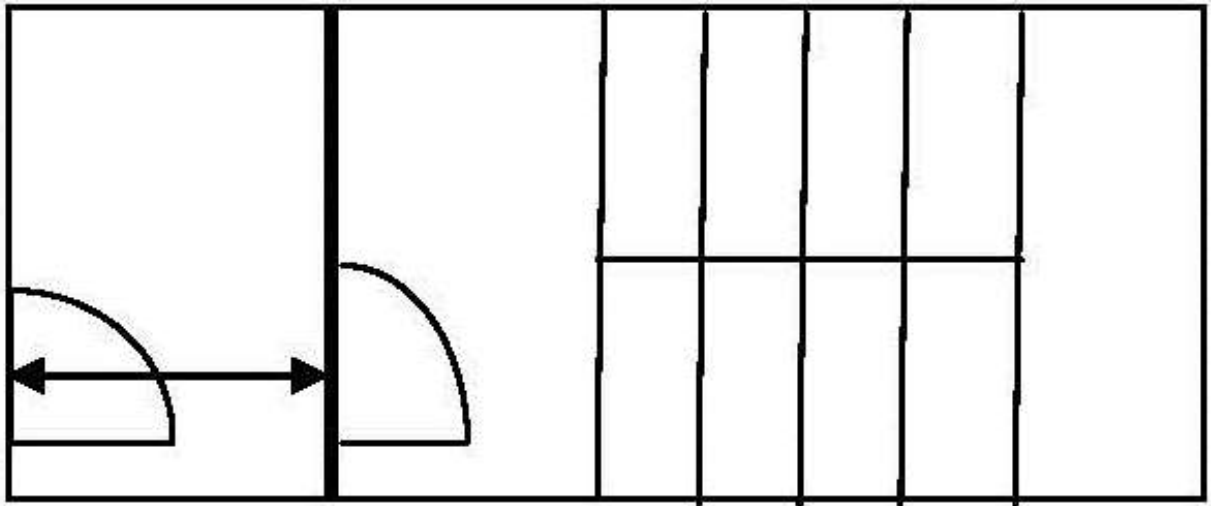
Proponent : Ali Fattah, City of San Diego Development Services Department, representing City of San Diego (afattah@sandiego.gov)

2015 International Building Code

Revise as follows:

909.20.1 Access. Access to the *stairway* or *ramp* shall be by way of a vestibule or an open exterior balcony. The minimum dimension of the vestibule shall be not less than the required width of the *corridor* leading to the vestibule but shall not have a clear width of less than 44 inches (1118 mm) and shall not have a length of less than 72 inches (1829 mm) in the direction of egress travel into the stairway between the centerline of the doorways into the vestibule and stairway.

Reason: The proposed code change seeks to clarify the dimensional requirements in vestibules used to access stairway doors in smoke proof enclosures. A smoke proof enclosure is an interior exit stairway that is protected with a two-hour fire barrier and includes a vestibule separating the occupied story from the stairway. The vestibule seeks to keep smoke from migrating into the stairway portion due to egress by occupants and due to fire fighting operations. The dimensional requirements for the vestibule seek to allow sufficient distance between the doorway into the vestibule and into the stairway such that both doorways are not open at the same time. Additionally the vestibule provides fire fighters with a safe area to attack a fire on the fire floor without compromising the smoke proof integrity of the stairway. Both the handbook and the commentary conservatively dimension the 72 inch dimension to be perpendicular to the access doorway into the stairway from the vestibule. If the two doorways are not in line, offset or perpendicular to one another the direction of travel into the vestibule, within the vestibule and into the stairway can change and it does not appear reasonable to require 72 inch by 72 inch vestibules if sufficient space is provided to clear the doorways arcs. The code change also requires that the 44 inch width be a clear width for consistency with the requirements in Section 1003.3.3 in the event a standpipe is placed within the vestibule or pressurization ductwork is located within the vestibule. Please see the attached figures that address possible configurations of vestibules that are addressed by this code change.



Cost Impact: Will not increase the cost of construction

This code change may reduce the size of vestibules thereby increasing useable floor area.

FS142-15 : 909.20.1-
FATTAH5006

Public Hearing Results

Committee Action:

Disapproved

Committee Reason: The committee disapproved this item based on the following: the proposal does not seem to fix anything; the measurement on the vestibule length is confusing and should possibly require measurement from the face of the doors rather than the centerline; this might be better handled in the commentary with figures.

Assembly Action :

None

Individual Consideration Agenda

Public Comment 1:

Proponent : Ali Fattah, City of San Diego Development Services, representing City of San Diego (afattah@sandiego.gov) requests Approve as Modified by this Public Comment.

Further Modify as Follows:

2015 International Building Code

909.20.1 Access. Access to the *stairway* or *ramp* shall be by way of a vestibule or an open exterior balcony. The minimum dimension of the vestibule shall be not less than the required width of the *corridor* leading to the vestibule but shall not have a clear width of less than 44 inches (1118 mm) ~~and shall not have a length of less than 72 inches (1829 mm) in the direction of egress travel into the stairway .~~ The distance between the centerline of the ~~doorways into~~ doorway entering the vestibule and the centerline of the doorway entering the stairway shall not be less than 72 inches (1829 mm) when measured between the face of each doorway on the vestibule and stairway side.

Commenter's Reason: The public comment is submitted to address feedback provided by opponents and the committee at the committee action hearing. Not all issues were addressed since some did not appear to be applicable. The intent of the IBC is to ensure adequate space for fire fighting staging in smokeproof enclosure vestibules and to prevent smoke from entering the stairway portion of the enclosure. The vestibule serves as a buffer between the building and the stairway and as a result the proposed code change seeks to prohibit a configuration where both the vestibule door and the stairway door can be opened at the same time. Additionally the code intends for the doors to be separated to allow fire fighters to stage in the vestibule and continue moving forward as opposed to Figure B where they have to turn right, close the vestibule door, hook up to the standpipe in te vestibule and then enter the floor out of the vestibule.

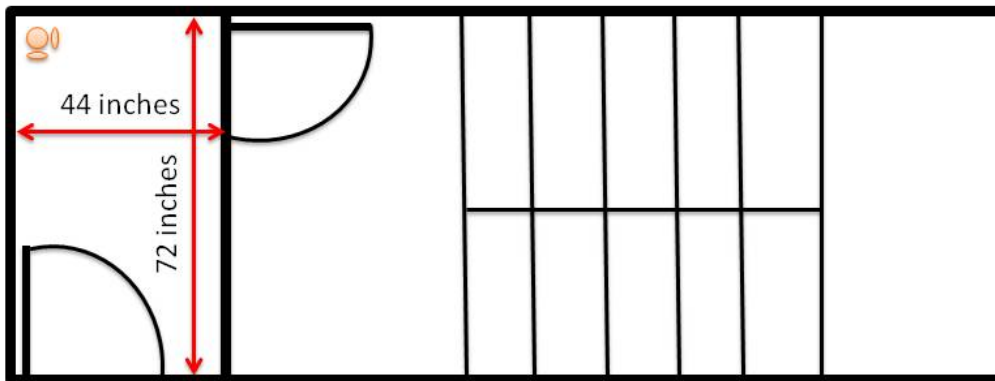
The text of the section is being rearranged to separate the minimum clear width from the second concept which is the separation between the doors. Reference to door face was added in response to feedback from opponents.

One comment raised by oponents was that the proposed code change would violate accessibility requirements for vestibules with doors in series in chapter 11. After

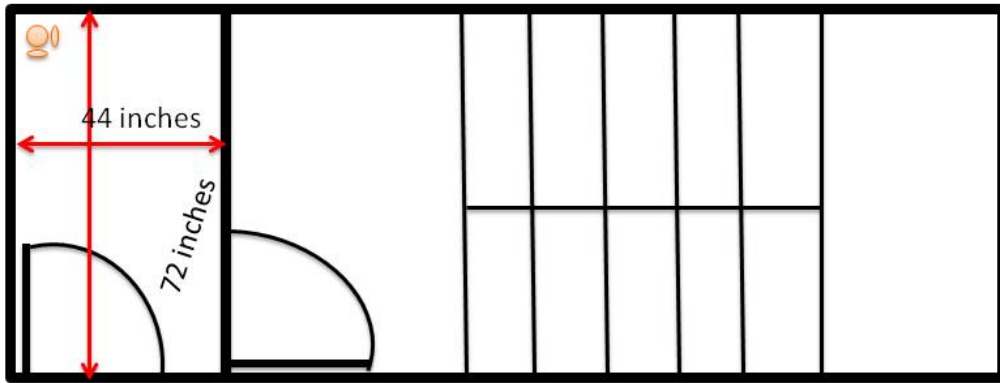
reviewing the IBC and ANSI A117.1 Chapter 4 it appears accessible route implies wheelchair access to something and unless there is a refuge area in a stairway an accessible route is not required. Figure C to Section 402.5 requires the door width plus 48 inches which exceeds 72 inches, and as a result it is not apparent that the 72 inch dimension intended by the IBC or legacy codes in editions that preceded accessible means of egress intended for the vestibule to be accessible. This issue is not addressed in the code change.

Additional improved figures have been added to improve clarity of the intended code change that intends to add a clarification and not a change in requirements.

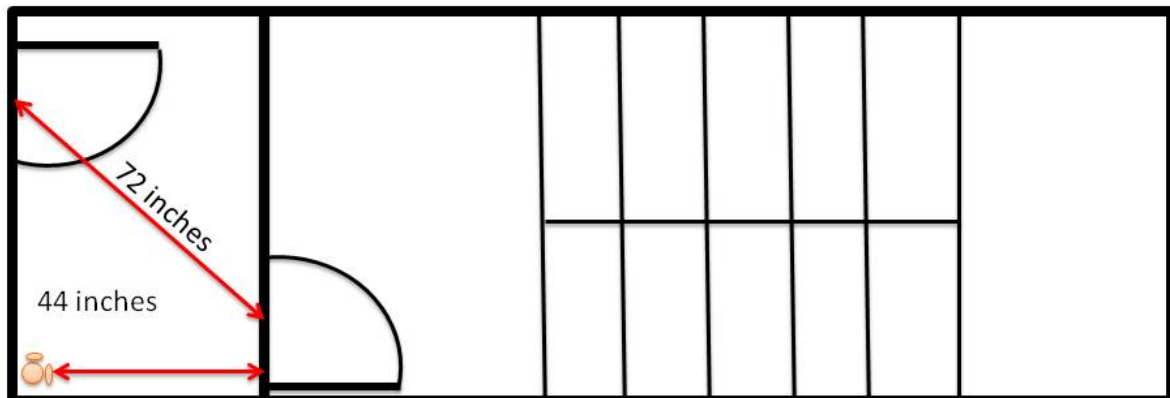
FS 142-15 Figure A 2015 IBC Code Complying



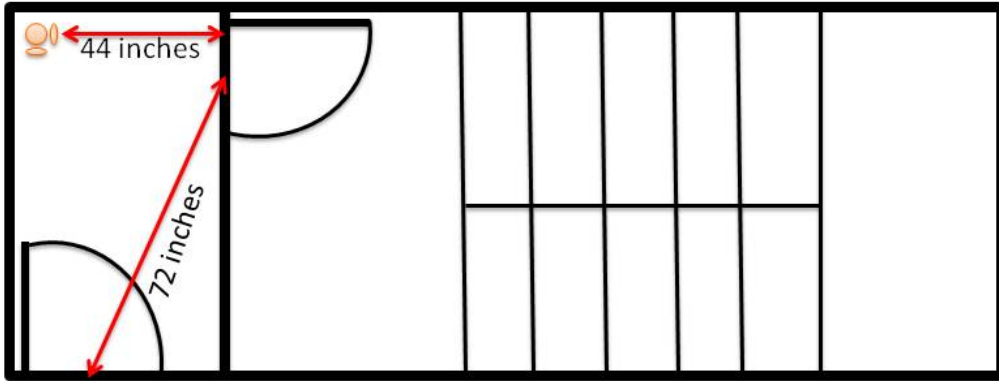
FS 142-15 Figure B 2015 IBC Code Complying



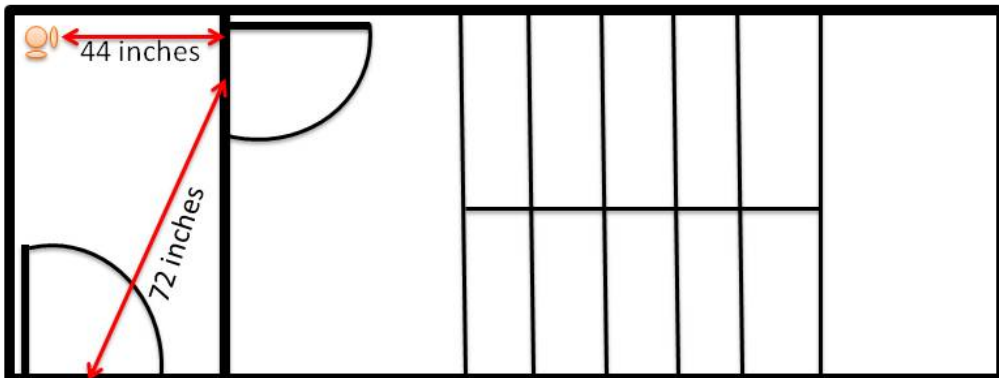
FS 142-15 Figure C Proposed Code Change

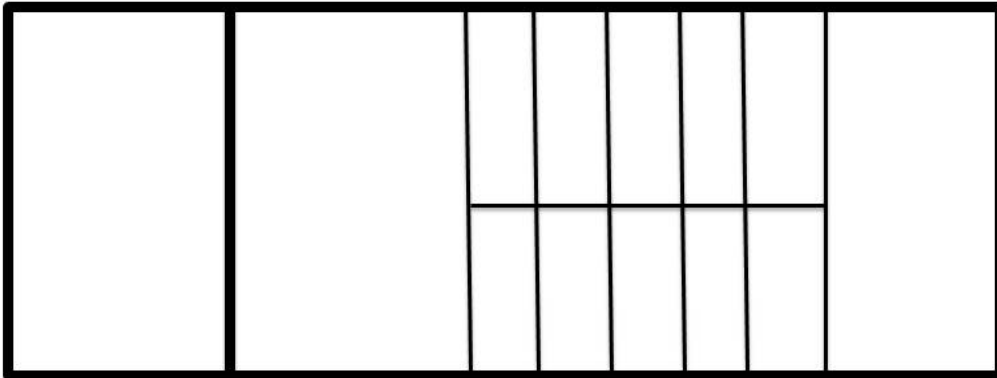


FS 142-15 Figure D Proposed Code Change

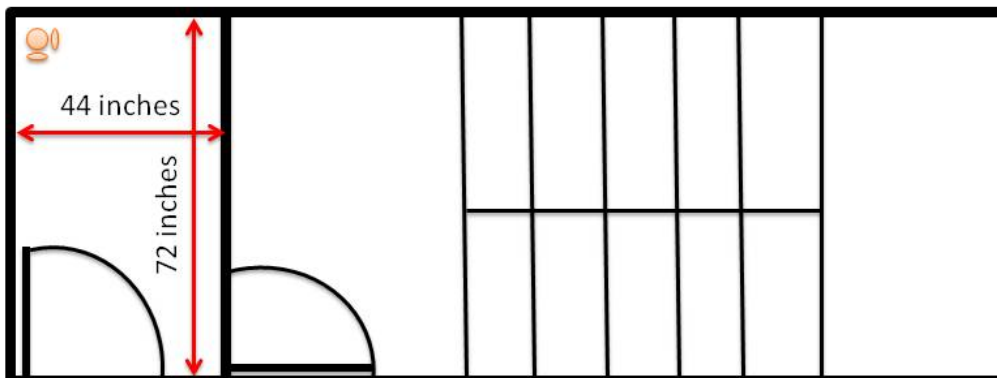


FS 142-15 Figure E Proposed Code Change





FS 142-15 Figure B
2015 IBC Code Complying





FINAL ACTION RESULTS ON THE 2015 PROPOSED CHANGES TO THE INTERNATIONAL CODES – GROUP A

Updated 6/14/2016
Updated 7/12/2016

The following is a comprehensive list of the Final Action on the 2015 Proposed Changes to the 2015 Edition of the *International Building Code – Egress (E)*, *International Building Code – Fire Safety (FS)*, *International Building Code – General (G)*, *International Existing Building Code (EB)*, *International Fuel Gas Code (FG)*, *International Mechanical Code (M)*, *International Plumbing Code (P)*, *International Private Sewage and Disposal Code (PSD)*, *International Property Maintenance Code (PM)*, *International Residential Code – Mechanical (RM)*, *International Residential Code – Plumbing (RP)*, *International Swimming Pool and Spa Code (SP)*, and portions of the *International Building Code - Structural (S)* as designated in the “Group A and Group B Code Development Committee Responsibilities” matrix as posted on the ICC Website . This includes the items considered at the Public Comment Hearings in Long Beach, CA, **September 30 – October 5, 2015** followed by the two-step online electronic process to determine the final Public Comment Hearing action which was held during the periods of January 19-25 and January 29-February 1, 2016, respectively. The final action was determined based on the Online Governmental Consensus Vote (OGCV) held February 8 – 21, 2016. Approved changes from the 2015 Code Change Cycle will be published in the 2018 I-Codes. See page 11 for results of the OGCV.

LEGEND:

- AS** **Approved as Submitted**
- AM** **Approved as Modified at the Committee Action Hearing**
- AMPC** **Approved as Modified by Public Comment**
- D** **Disapproved**
- WP** **Withdrawn by Proponent**
- NU** **Number Not Used**
-  **Updated 6/14/2016**
-  **Updated 7/12/2016**

CODE CHANGE
NUMBER

FINAL
ACTION

E164-15.....D
E165-15.....AS
E166-15.....D
E167-15.....AS
E168-15.....AS
E169-15.....D

**INTERNATIONAL BUILDING
CODE – FIRE SAFETY**

FS1-15.....D
FS2-15.....D
FS3-15.....D
FS4-15.....D
FS5-15.....D
FS6-15, Part I.....D
FS6-15, Part II.....D
FS7-15.....AM
FS8-15.....D
FS9-15, Part I.....D
FS9-15, Part II.....D
FS10-15.....D
FS11-15.....D
FS12-15.....D
FS13-15.....AS
FS14-15.....D
FS15-15.....AM
FS16-15.....D
FS17-15.....AS
FS18-15.....D
FS19-15.....D
FS20-15.....AS
FS21-15.....AM
FS22-15.....D
FS23-15.....D
FS24-15.....D
FS25-15.....D
FS26-15.....D
FS27-15.....AM
FS28-15.....D
FS29-15.....AMPC1
FS30-15.....D
FS31-15.....D
FS32-15.....D
FS33-15.....D
FS34-15, Part I.....D
FS34-15, Part II.....D
FS34-15, Part III.....D
FS35-15.....D
FS36-15.....D
FS37-15.....D
FS38-15.....AS
FS39-15.....D
FS40-15.....AS
FS41-15.....D
FS42-15.....AMPC1

CODE CHANGE
NUMBER

FINAL
ACTION

FS43-15, Part I.....D
FS43-15, Part II.....D
FS44-15.....AS
FS45-15.....D
FS46-15.....AMPC1
FS47-15.....WP
FS48-15.....WP
FS49-15.....AMPC1
FS50-15.....AS
FS51-15.....AS
FS52-15.....AS
FS53-15.....AS
FS54-15.....D
FS55-15.....AMPC1
FS56-15.....AM
FS57-15.....D
FS58-15.....D
FS59-15.....D
FS60-15.....D
FS61-15.....D
FS62-15.....D
FS63-15.....AMPC1
FS64-15.....D
FS65-15.....D
FS66-15.....D
FS67-15.....AS
FS68-15.....D
FS69-15.....AS
FS70-15.....AS
FS71-15.....WP
FS72-15.....AS
FS73-15.....D
FS74-15.....AS
FS75-15.....AM
FS76-15.....AS
FS77-15.....AS
FS78-15.....AS
FS79-15.....AS
FS80-15.....AS
FS81-15.....D
FS82-15.....AS
FS83-15.....D
FS84-15.....D
FS85-15.....AS
FS86-15.....D
FS87-15.....AS
FS88-15.....AS
FS89-15.....D
FS90-15.....AS
FS91-15.....AS
FS92-15.....AS
FS93-15.....AS
FS94-15.....AM
FS95-15.....AS
FS96-15.....D
FS97-15.....AM
FS98-15.....AS

CODE CHANGE
NUMBER

FINAL
ACTION

FS99-15.....AS
FS100-15.....AS
FS101-15.....AS
FS102-15, Part I.....WP
FS102-15, Part II.....D
FS102-15, Part III.....D
FS103-15.....AS
FS104-15.....AS
FS105-15.....D
FS106-15.....D
FS107-15.....AS
FS108-15.....AM
FS109-15.....D
FS110-15.....D
FS111-15.....AS
FS112-15.....D
FS113-15.....WP
FS114-15.....D
FS115-15.....D
FS116-15.....D
FS117-15.....AS
FS118-15.....WP
FS119-15.....AS
FS120-15.....AS
FS121-15, Part I.....D
FS121-15, Part II.....D
FS122-15.....AS
FS123-15.....AM
FS124-15.....WP
FS125-15.....WP
FS126-15.....WP
FS127-15.....WP
FS128-15.....D
FS129-15.....AS
FS130-15.....AS
FS131-15.....D
FS132-15.....AS
FS133-15.....WP
FS134-15.....AS
FS135-15.....AS
FS136-15.....AS
FS137-15.....AM
FS138-15.....AM
FS139-15.....AS
FS140-15.....AS
FS141-15.....AM
FS142-15.....D
FS143-15.....D
FS144-15.....D
FS145-15.....D
FS146-15.....AM
FS147-15.....D
FS148-15.....D
FS149-15, Part I.....WP
FS149-15, Part II.....WP
FS150-15.....D
FS151-15.....D

2015 RESULTS OF THE ONLINE GOVERNMENTAL CONSENSUS VOTE

The Online Governmental Consensus Vote (OGCV) was held during the period of February 8 – 21, 2016. The vote was conducted in accordance with the following posted procedures:

- The Final Action on code change proposals for which the two-step electronic process was utilized to determine the final Public Comment Hearing action will be determined in accordance with Section 8.0 of CP 28 Code Development (CP 28) with the Public Comment Hearing result and vote count established by the two step process ([Click here](#) for a link to the 2015 Cycle documents). Eligible members who voted will have their vote recorded on the OGCV. In accordance with Section 8.3, the last vote cast in the OGCV at the time the voting closes will be included in the final vote tabulation. The Final Action will be determined by the combined vote tally from the two-step PCH process and the OGCV in accordance with Section 10.1 of CP 28.
- The Final Action on code change proposals not affected by the Long Beach electronic voting devices (see explanatory text in the table preceding code changes FS64-15, G1-15 and S2-15) and those without a corresponding vote tally from the two-step process (see notes 3 and 4 below) due to a failed motion will be determined solely by the results of the OGCV. These code changes do not have a corresponding Public Comment Hearing vote tally. In accordance with published procedures, this will require a minimum of 30 OGCV votes cast for each code change proposal in order for the OGCV to be considered a successful voting measure. If the vote total is less than 30 for an individual proposal, the Final Action for that proposal will be the action taken at the hearing/two-step process, as applicable. In accordance with Section 8.3, your last vote cast in the OGCV at the time the voting closes will be included in the final vote tabulation. See note 7.

Final Action notes:

1. The Final Action for each code change is noted in **bold** in the second column and reflects the Final Action Results also noted in **bold**, except as indicated by note 5.
2. The “required majority” is in accordance with Section 8.1 of CP 28.
3. In accordance with the procedures noted above, the PCH tabulated results are not indicated for those code changes for which the PCH result is not combined with the OGCV result. In these instances, the PCH 1 vote did not achieve the requisite majority to pass, however, the code change was not considered on PCH 2 since the allowable ballot actions for the OGCV are not affected. For

example, the PCH 1 motion on E5 Part II was for AMPC1. This motion failed. Due to the lack of submitted comments for AS, the OGCV ballot options are the committee action of AM and D in accordance with Section 8.1 of CP 28. Similarly, the PCH 1 motions on E27 were for AMPC1 and 2. Both of these motions failed. The OGCV ballot options are limited to the committee action of AS and D in accordance with Section 8.1. The final action on these code changes was determined solely by the results of the OGCV. This required a minimum of 30 OGCV votes to be cast in order for the OGCV to be considered a successful voting measure in accordance with published OGCV procedures (see note 7).

4. As indicated in Note 9 of the posted “Results of Phase One of the Online 2015 Group A Public Comment Hearing Vote (Update 2/5/16)” [see link above] the PCH 1 motion for disapproval of E12-15 failed by a vote of 65 – 68. Per procedures, PCH 2 should have included a motion for AMPC 1 in accordance with CP 28. Since the error was identified after the PCH 2 process was completed, AMPC 1 was placed directly on the OGCV for the memberships vote. The final action on this code change was determined solely by the results of the OGCV. This required a minimum of 30 OGCV votes to be cast in order for the OGCV to be considered a successful voting measure in accordance with published OGCV procedures (see note 7).
5. For those code changes where the required majority was not achieved (e.g. FS35-15), the Final Action on the code change is D in accordance with Section 10.3 of CP 28.
6. Where the OGCV results indicate a negative number (e.g. E102 – 15), this indicates that an eligible voting member changed their PCH vote in accordance with Section 8.3 of CP 28.
7. In all cases where the Final Action required a minimum OGCV of 30 (see page 11), this minimum was exceeded.
8. In accordance with Section 10.1 of CP 28, the validation committee has certified the OGCV voting results and the ICC Board has confirmed a valid voting process.

The following are the results of the OGCV, published in accordance with Section 10.4 of CP 28 Code Development.

Code Change	Final Action	CAH Results	PCH Results	OGCV Results				Final Action Results					Required Majority	
FS83-15	D	D	D	D	133	AS	5	D	133	96.38%	AS	5	3.62%	Simple Majority
FS84-15	D	D	D	D	112	AS	28	D	112	80.00%	AS	28	20.00%	Simple Majority
FS89-15	D	D	AMPC1	D	73	AMPC1	60	D	73	54.89%	AMPC1	60	45.11%	Simple Majority
FS96-15	D See Note 5	D	AMPC1	AMPC1	66	D	61	AMPC1	66	51.97%	D	61	48.03%	2/3 Majority
FS102-15 Part II	D	D	D	D	128	AS	5	D	128	96.24%	AS	5	3.76%	Simple Majority
FS105-15	D	D	D	D	131	AS	4	D	131	97.04%	AS	4	2.96%	Simple Majority
FS106-15	D	D	D	D	70	AS	54	D	70	56.45%	AS	54	43.55%	Simple Majority
FS112-15	D	D	D	D	128	AS	17	D	128	88.28%	AS	17	11.72%	Simple Majority
FS115-15	D	D	D	D	122	AS	16	D	122	88.41%	AS	16	11.59%	Simple Majority
FS128-15	D	D	AS	D	72	AS	54	D	72	57.14%	AS	54	42.86%	Simple Majority
FS135-15	AS	AS	AS	AS	80	D	26	AS	80	75.47%	D	26	24.53%	Simple Majority
FS136-15	AS	AS	AS	AS	78	D	25	AS	78	75.73%	D	25	24.27%	Simple Majority
FS139-15	AS	AS	AS	AS	108	D	22	AS	108	83.08%	D	22	16.92%	Simple Majority
FS142-15	D See Note 5	D	AMPC1	AMPC1	94	D	59	AMPC1	94	61.44%	D	59	38.56%	2/3 Majority
FS147-15	D	D	AMPC1	D	58	AMPC1	48	D	58	54.72%	AMPC1	48	45.28%	Simple Majority
FS150-15	D	D	D	D	125	AS	13	D	125	90.58%	AS	13	9.42%	Simple Majority
FS153-15	D	D	D	D	128	AS	4	D	128	96.97%	AS	4	3.03%	Simple Majority