OBJECTIVES

• Summarize the status of proposals to the IBC of significant interest to the FCIA
• Summarize the status of proposals to NFPA 101 and NFPA 5000 of significant interest to the FCIA
• Notice of preliminary proposed rule making by CMS last fall with a comment deadline in December
• CMS has adopted some aspects of NFPA 101-2012
  ▪ Culture change
  ▪ Corridor width
• Complete adoption – 18-24 months???
• TJC will follow along with adoption by CMS
NFPA 101-2012

• What does it mean to FCIA contractors?
  ▪ Minimal changes to requirements for fire-rated or smoke-rated compartmentation
    ○ Suites may be larger which may impact corridor wall construction
  ▪ Use of more current reference standards
    ○ NFPA 80 requirement for annual inspection of fire doors
    ○ Current provision in edition used is “frequently”
  ▪ More information at www.koffel.com/compliance
“one Code” has been revised to “unified Code”

- ICC/ASHE Ad Hoc Committee on Health Care
  - Package of proposals to I-Codes to address new and existing health care occupancies
  - ASHE’s goal – Reduce costs associated with multiple codes
  - ICC’s goal – CMS recognition of I-Codes in lieu of or in addition to NFPA 101
<table>
<thead>
<tr>
<th>Rank</th>
<th>Percentage</th>
<th>Standard Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>57%</td>
<td>LS.02.01.10</td>
<td>Penetrations &amp; Rated Doors</td>
</tr>
<tr>
<td>2</td>
<td>57%</td>
<td>LS.02.01.20</td>
<td>Maintains Means of Egress</td>
</tr>
<tr>
<td>3</td>
<td>47%</td>
<td>LS.02.01.30</td>
<td>Fire and Smoke Protection</td>
</tr>
<tr>
<td>4</td>
<td>42%</td>
<td>EC.02.03.05</td>
<td>Maintain FS Equipment/Features</td>
</tr>
<tr>
<td>5</td>
<td>33%</td>
<td>LS.02.01.35</td>
<td>Maintains Extinguishing Systems</td>
</tr>
</tbody>
</table>
OBJECTIVE 1

• Retain (defend) current building code requirements for compartmentation
  ▪ Requirements for elevator lobbies in Group I-2 and all buildings
    o Multiple proposals to eliminate the requirements including proposals from the ICC/ASHE Ad Hoc Committee on Health Care and the ICC Code Technology Committee
    o These proposals were Disapproved
    o NFPA 101/5000 do not require elevator lobbies
OBJECTIVE 1

• Retain (defend) current building code requirements for compartmentation
  ▪ G76 – ICC/ASHE Ad Hoc Committee on Health Care
    o Permit smoke compartment size to increase to 40,000 square feet in Group I-2
    o May have limited impact since travel distance to a smoke barrier door is still limited to 200 ft
    o This proposal was Approved
    o Similar proposals to NFPA 101/5000 Accepted but Correlating Committee added notes question technical substantiation
OBJECTIVE 1

- Retain (defend) current building code requirements for compartmentation
  - G102 – American Institute of Architects
    - Eliminate building area limits from the height and area table
    - Alternatively, rely on travel distance, stair discharge, standpipe location, and fire flow requirements
    - This proposal was Disapproved
    - NFPA 5000, Annex D contains option based upon compartmentation
OBJECTIVE 1

• Retain (defend) current building code requirements for compartmentation
  - FS8 – ICC Fire Code Action Committee
    - Proposal to strike language added last cycle that does not permit the use of a sprinkler system to determine the fire resistance rating of an assembly
    - This proposal was Disapproved
    - Proposal to add similar language to NFPA 101/5000 was approved by Committee but failed ballot
    - ICC-ES is evaluating Acceptance Criteria
OBJECTIVE 2

• Re-introduce compartmentation concepts lost in previous cycles and/or introduce new compartmentation concepts based upon infectious control, sound attenuation, smoke, and water migration.

  - E8 – Alliance
    o Returns the Code to 2009 text by eliminating extensive use of open stairways for egress purposes (exit access stairways)
  - E90 – Bob Davidson
    o Similar in that only allows open exit access stairways in Groups B and M

• These proposals were Disapproved
OBJECTIVE 2

• Re-introduce compartmentation concepts lost in previous cycles and/or introduce new compartmentation concepts based upon infectious control, sound attenuation, smoke, and water migration.
  ▪ E121 – GICC
    o Requires corridors in Group E to have a one hour fire resistance rating
      ❖ New information provided regarding cost
    o The proposal was Disapproved
OBJECTIVE 3

- Change the building codes to require qualified contractors
  - FS72 and FS78 – Renee Jacobs
    - Requires use of “qualified contractors” in Group I-2 other than minor work
    - Modification to be proposed to extend exception to work in existing buildings that does not require a permit
    - ICC/ASHE Ad Hoc Committee on Health Care proposes to oppose due to

- NUMBER OF QUALIFIED CONTRACTORS
  - The proposals were Withdrawn by the Proponent
  - Annex note proposed to be added to NFPA 101/5000 but Correlating Committee note added expressing concern with proprietary nature
OBJECTIVE 4

• Encourage market forces to move the firestop market towards qualified contractors through increased inspection requirements in the building codes
  • No proposals submitted to undo what was accomplished last cycle
  • Proposed changes to ASTM standards for a different inspection rate if qualified contractors are used
  • NFPA 5000 has had special inspections as part of a Quality Assurance Program
  • NFPA 101 has an Annex note referencing ASTM standards
OBJECTIVE 5

• Ensure that all code requirements for firestopping are clear and enforceable
  ▪ Multiple proposals to define joint
    o JOINT. The opening junction in or between adjacent assemblies that is interrupts the continuity of a fire-rated or smoke-rated assembly and either involves the intersection of dissimilar materials or assemblies, is created due to building tolerances, or is designed to allow independent movement of the building in any plane caused by thermal, seismic, wind or any other loading.
    o The proposals were Disapproved
    o Definition has been added to NFPA 101
OBJECTIVE 6

- To increase enforcement as well as compliance, ensure that code requirements for firestopping are practical
  - FS 73 – WI Code Officials Alliance
    - Restrict the use of EJ’s to instances in which a listed system is non-existent and reconfiguration is impractical
    - EJ’s must be prepared by manufacturer’s technical representative
    - EJ’s must be approved
  - The proposal was Disapproved
  - Similar language has been proposed as an Annex note for NFPA 101 and NFPA 5000
OBJECTIVE 7

• Communicate code related education, accreditation, marketing and standards proposals to the appropriate FCIA committee to solicit reciprocal commitment.

• Means and Methods
  ▪ Develop ideas generated during code committee discussions that support and/or create a successful environment for existing or new code proposals.
QUESTIONS AND DISCUSSION