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Summary of TRC Conference Call for March 9th

On Monday, March 9th, the TRC held the first conference call to discuss submitted CRs. Originally, the TRC call was going to be recorded and posted to cmahc.org for viewing by CMAHC membership. Due to technical difficulties, this recording wasn't suitable for posting as it only captured approximately 15 minutes of the TRC discussion. Future TRC calls will be recorded and posted to cmahc.org in lieu of written summaries.

Consent Agenda

Consent Agenda CRs: 4.6.10.2.1-0001 and 4.8.7.6-0001 were pulled to address separately (see below). The TRC unanimously recommended a "yes" vote on the following 10 non-substantive CRs as part of the Consent Agenda: 3.2-0002, 3.2-0032, 4.1.1.2-0001, 4.1.2.1.2-0001, 4.11.2.2-0001, 4.12.1.5-0001, 4.12.1.5.4-0001, 5.4.2.2.4.1-0001, 5.7.3.1.1.1-0001, 5.12.1.1-0001.

4.6.10.2.1-0001: This CR proposes changes to the MAHC Annex regarding barriers and spectator areas. There was discussion that the text proposed to be moved needed to be in both the new and existing sections, but for the existing section it better pertains to 4.6.10.2.1.1 not 4.6.10.2.1. The CR champion will reach out to the submitter to discuss, and this CR will be moved to the May 11 email agenda where a large number of CRs addressing barriers and enclosures will be addressed.

4.8.7.6-0001: This CR changes the operation of robotic cleaners from *should* not be operated using an extension cord to *shall* not. There was concern that this was intended as a recommendation and that requiring it may not be feasible in all cases. This CR will be moved to the June 1 call to enable more information to be obtained as well as TSC input.

MAHC/ISPSC Consistency Standing Committee CRs:

3.2-0038: This CR proposes to amend the definition of "No Diving Marker" to include only the universally recognized symbol and no longer the words "No Diving." The TRC was generally in favor of this change; however since it is tied in with CR 4.5.19.4 the TRC would like to get feedback from the Injury Prevention, Risk Management, and Safety TSC and will revisit this CR along with CR 4.5.19.4 on the June 22 call.

3.3-0005: This CR proposes to amend the reference to NFPA: National Electric Code (NEC) from the 2017 to the 2020 edition. Some members felt that it would be best to defer to the locally adopted version of a code. It was discussed that historically with the MAHC the code references in section 3.3 are updated to the latest version of a code. The TRC voted to recommend a “Yes” vote on this CR.

4.5.7.4,4.5.7.4.1-0001: This CR proposes modifications to the requirements for dimensions for recessed steps so that the common design of injection molded wall steps would not be excluded. There was a question about what the respective ISPSC requirements for this were; currently the ISPSC has the same requirements as the MAHC but work is underway to modify the ISPSC in the same manner. The TRC voted to recommend a “Yes” vote on this CR.

4.5.8.2.4-0001: This CR proposes to change the allowable gap between handrails and the pool wall from 3 – 6 inches to 3 – 4 inches. Similar standards for playground equipment, fences, etc. require a maximum four inch space because a greater distance could allow a child’s head to get stuck. The 2021 version of the ISPSC will also include this change. It was also noted that the Annex already recommends 4 not 6 inches based on anthropomorphic data. The TRC unanimously voted to recommend a “Yes” vote on this CR.

4.5.18: This CR proposes to limit the depth of areas adjacent to underwater shelves from 5 feet to 3 feet 6 inches, and to add requirements for stairs and handrails and depth markings for underwater shelves. Members were generally in favor but it was determined that there were edits needed to separate out the stair/handrail requirement from 4.5.18.1 to 4.5.18.2 (and renumber the existing sections 4.5.18.2 and 4.5.18.3 and proposed section 4.5.18.4). There was also concern regarding the requirements for steps and handrails if the drop between the shelf and the water was less than that required to have a step/handrail. The MAHC also no longer includes a definition for underwater shelf. This CR will be revisited on a future call (6/22).

4.5.19.4: This CR proposes to remove the requirement for the wording “No Diving” to be included along with the universally recognized symbol for no diving. There was concern about the impact of this as most codes currently require the words “No Diving” and members would like to reach out to the Injury Prevention, Risk Management, and Safety TSC for feedback. This CR will be revisited on a future call (6/22).

4.7.1.3.1.1.1-0002 and 4.7.1.4.1.1.2-0001: These CRs propose to add language to specify that alternative designs for in-pool circulation and perimeter overflow systems can be allowed if the adequate engineering justification uses a CFD model of the pool. These CRs generated a lot of discussion. Some TRC members felt that the proposed wording unintentionally required use of CFD models for alternative designs and questioned whether there were other means to provide adequate engineering justification that were thus excluded. It was proposed that language like “such as” “for example” or “including” could

be added to clarify that this was simply an option. However, other members felt that this was better suited to the annex (where it is already in section 4.7.1.4.1.1). There were some editorial changes noted that were needed: Use of “computational” instead of “computation” and removing the word “novel” from CR 4.7.1.4.1.1.2-0001. It was determined that additional discussion and voting on these CRs would be postponed to a future call (6/22), as a preliminary vote showed that the TRC would not have enough votes either way with the members present to reach consensus.

4.7.1.6-0001: This CR proposes numerous changes to the section on submerged suction outlets, including updating the reference to ANSI/APSP-16 to the 2017 edition, and also deletes out a number of subsections. The rationale for deleting the sections was that the 2017 edition should address these code items; however members were concerned that these sections were originally included because they were not addressed in the ANSI/APSP standard and wanted to ensure that requirements being deleted did not result in less protection or restrict design options currently allowed in the MAHC. The MAHC/ISPSC Consistency Standing Committee will do a section by section comparison of 4.7.1.6 with ANSI/APSP-16 2017. This CR will be revisited on a future call (6/22).

Other CRs:

4.0-0001 and 5.0-0001: The TRC recommended a “No” vote (9 of 10 members present voted “no”) on both CRs; several members felt the notes were helpful and that the MAHC is just a model; agencies adopting the MAHC could remove the notes if they saw fit. Other members who thought the notes about the Annex were unnecessary also voted no because the same note is also at the beginning of chapters 1, 2, and 6 but no CRs were submitted to remove those, so deleting them out of 4 and 5 would create an inconsistency.

4.8.1.1.3-0001, 4.8.1.1.3.1-0001: These CRs relocate requirements regarding maximum vertical elevation of joints or gaps in the decking to a new subsection and clarify that any elevation difference of greater than a quarter inch is considered an edge condition and have to be abated. The TRC unanimously recommended a “Yes” vote on both CRs.

4.12.2.2-0001, 4.12.2.3-0001, 4.12.2.4-0001, 4.12.2.8-0001, 4.12.2.9-0001: These CRs have a common theme of removing reference to the ASTM F2376 slide standard with the rationale that these MAHC sections are already addressed by that standard and that the MAHC already requires compliance with this slide standard in 4.12.2.1.2.1. Generally TRC members felt that these CRs were acceptable if ASTM F2376 addresses the MAHC requirements, but members would like to consult the standards to ensure this. In addition, there was concern that 4.12.2.1.2.1 as written may not cover manufacture and construction, and since the same CR submitter proposed changes to 4.12.2.1.2.1 in a CR on the 5/18 email agenda, the committee determined to revisit this set of CRs at that time.

CRs not addressed, will be moved to the 4/27 email agenda: 4.1.1.2-0003, 4.1.2.2.5-0001, 4.2.1.5.1-0001, 4.2.1.9-0001, 4.5.11.1.2-0001, 4.5.11.1.3-0001, 4.5.21.2-0001, 4.9.1.7.1.2.1-0001, 4.9.2.1.4.1-0001, 4.11.1.1.1-0001, 4.11.1.1.2.2-0001, 4.12.1.2-0001, 4.12.1.5.1-0001, 4.12.4.4-0001