

## MEETING LOG

**SUBJECT:** ASTM Computer Vision Based Drowning Detection Systems/Residential Pools

**LOCATION:** Teleconference call

**DATE:** October 13, 2020

**ENTRY DATE:** November 3, 2020

**LOG ENTRY SOURCE:** Susan Bathalon

**COMMISSION ATTENDEES:**

Susan Bathalon, EXHR

**Other ASTM ATTENDEES:**

Katie Crysdale, Lake View Aquatic Consultants,

Adam Katchmarchi, National Drowning Prevention

Rolf Huber, Canadian Playground Advisory Inc.

Susan Hilaski, Pool and Hot tub Organization

Alan Korn, Abby's Hope

Molly Lynyak, ASTM

Contact ASTM for a full list of attendees.

**MEETING SUMMARY:**

The previous meeting minutes from August 31, 2020 and the agenda for the October 13, 2020 meeting were approved.

The Computer Vision Based Drowning Detection Systems/Residential Pools task group meeting discusses a draft standard for drowning technology. Computer-based technology allows for detection of a drowning scenario in a residential pool.

The task group reviewed response time requirements. Several medical doctors provided input on medically recommended drowning response times. There was discussion on what response time actions are needed for rescue. Adam Katchmarchi will seek clarification from doctors regarding the nature of response. Based on the input from the medical community, a response time of 30 seconds was discussed as the maximum amount of time for technology to signal the drowning event. The task group members were asked to continue uploading articles and data into the ASTM collaboration site concerning drowning.

The task group reviewed the working draft of the standard. The introduction will be entirely reworded with language to reflecting Ad Hoc Language recommendations for scope.

There was discussion whether the standard could apply to commercial and residential pools. ASTM staff clarified that products covered under the ASTM F15 committee are consumer-based products and residential pools only.

The task group discussed real-time, cloud-based technology, video footage and the time delays that may affect signaling. The task group will discuss the terminology of computer-based technology at a future meeting.

The task group discussed whether the draft standard should cover drowning both in-water and the entry into the pool area, as computer-based technology can address both situations.

The task group members were asked to propose alternate wording for Section 1.2 directly into the Google Doc in advance of the November meeting.

**Next Steps:**

The next scope task group conference call meeting will be in mid-November with date and time TBD.