



MEETING LOG

SUBJECT: ASTM F15.49 Task Group (WG) for ASTM F3698 Computer Vision Drowning Detection Systems

OP PLAN ENTRY: Pools, Portable Unprotected (Child Drowning)

DATE OF MEETING: 05/11/2026

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Susan Bathalon, EXRR

FILING DATE: 05/11/2026

CPSC ATTENDEE(S): Susan Bathalon EXRR, Matthew Barzola, ESHF and Simon Lee, ESEF

NON-CPSC ATTENDEE(S): Brett Horn, F15.49 TG Chair, Robert Burck, Johnson Fit Inc.,

Contact Molly Lynyak, for the full attendee list.

Summary of Meeting:

The redline version of the ASTM F3698 standard was reviewed with the task group. Some of the discussion centered in Section 3. Terminology, where the control unit, pool unit and home unit needed more expansion, clarification and consistency throughout the sections of F3698. In Section 4, there was discussion about how long the alarm should be activated if drowning was detected by the system, and the capability for the operator/consumer to disengage the alarm for a false condition. There was also discussion on drowning timeframes established by the Redcross, which says from the timeframe of drowning onset to potential for the inability to resuscitate is 1 minute. Many in the group sided on the timeframe of drowning detection within 20 seconds.

The task group also reviewed child detection when the child approached entry of the water, and whether an item that is not a child – like a common household item should be part of a false alarm test. There was a discussion about which type of pool could be supported by drowning detection technology, as the testing size grid in a 2' by 4' grid may limit the size of pool capable of computer vision technology. Some of the manufacturers stated that the standardized grid size is needed for testing and should not be altered. The terminology for pool sensors type B and C was removed from the document.

Several of the working group members were asked to continue reviewing and provide more input and language suggestions in the red line document. The next TG meeting will continue with the red line document.

Next Steps:

The TG will meet on June 8, 2026 at 11AM. The participants were asked to provide their input prior to this date.