MEETING LOG

SUBJECT: ASTM F15.75 Connected Products Subcommittee (SC) Meeting for Artificial Intelligence (AI)

FY 24 OP PLAN ENTRY: Internet of Things (IoT)/Connected Products and Artificial Intelligence (AI)

DATE OF MEETING: 2/29/24

LOCATION OF MEETING: Teleconference call

CPSC STAFF FILING MEETING LOG: Simon Lee

FILING DATE: 4/18/24

CPSC ATTENDEE(S): Simon Lee, Jr., ESEF, Douglas Lee, EXHR, Suad Wanna-Nakamura, HSPP, Matthew Barzola, ESHF

NON-CPSC ATTENDEE(S): For a complete list of attendees, please contact Molly Lynyak at ASTM.

Summary of Meeting: The SC continued its ongoing work to incorporate Artificial Intelligence/Machine Learning (AI/ML) considerations into *ASTM F3463-21, Standard Guide for Ensuring the Safety of Connected Consumer Products*. A new SC member was introduced and previous presentations from various SC members on related topics/events were discussed. The events were the Organization for Economic Co-operation and Development (OECD) workshop on digital technology consumer product safety and the International Consumer Product Health and Safety Organization (ICPHSO) Annual Meeting and Training Symposium. The SC had further discussions of the OECD and ICPHSO events for topics such as the potential effects of IoT or wearables on brain and neurological systems, mental health; strobe lighting, and emotional risk effects. Though, it has been stated, those topics are largely out of the scope of this Standard guide for connected products that deal with physical harm.

CPSC staff then questioned why the previously discussed definition of the watermark (a technique to mark AI/ML generated content to convey additional information, such as authenticity) was deleted. The SC chair's answer and discussion was that this ASTM F3463 Standard Guide's approach for AI/ML evaluation would largely follow how cybersecurity for consumer products is tested and rated, so that term was eliminated mostly for that reason. CPSC staff also asked the SC again if there was enough description of how AI/ML could potentially dangerously evolve. So, from those discussions and questions, the SC chair agreed to draft a ballot rationale for why we are adding AI/ML risks to connected products and to summarize our discussions from our previous SC and Task Group meetings.

Next Steps:
The SC will review the draft ballot rationale and newly proposed edits for this ASTM F3463 draft for further review in the next meeting in April.

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