

## CPSC STAFF MEETING LOG

**Meeting Date:** 09/20/2022

**Location:** Teleconference

**Subject:** UL STP 3300 – Service Communication Information Education and Entertainment (SCIEE)  
Robots – Task Group Meeting

**Product:** SCIEE Robots

**Prepared By:** CPSC Staff

**Date of Log:** 09/23/2022

**Attendees:** Contact UL for a complete list of attendees

**CPSC Attendees:** Vineed Dayal, Zachary Goldstein, Greg Ota, and Julia Kerns

### Meeting Summary:

Contact UL for more details of this meeting.

This was a weekly meeting for Task Groups 6, 7, 8, and 9 (TG6, TG7, TG8, & TG9 respectively), to work on their respective assignments. The notes below are listed in chronological meeting order.

#### Task Group 6 – Functional Safety

The group reviewed newly proposed language for sensor configuration, calibration, and servicing. The group discussed the difference between validating and verifying calibration of robotic systems and how some sensors that consumers install could automate necessary calibrations. The task group chair then briefly reviewed the merged language for cybersecurity risks and remote software updates which will be presented to the full STP at its next meeting.

#### Task Group 8 – Manipulators

The TG8 chair notified the group that UL is working on outline of investigation that will be published in the coming weeks, and that TG8 work will be on pause until the document is made available.

#### Task Group 9 – Vulnerable Persons

The TG9 chair reviewed the developments from the TG9 meeting earlier that day, and notified the group that another TG9 only meeting would tentatively be scheduled for 09/30. For more information on the other TG9 meeting refer to staff's notes corresponding with the following calendar notice. [Vineed Dayal and other CPSC Staff participating in: SCIEE Robots – UL STP 3300 Task Group 9 Meeting | CPSC.gov](#)

#### Task Group 7 – Testing

The TG7 chair updated the group on the source of the 5- and 15-degree values for the stability tests. 5-degrees from a standard for accessible design, ADA 403.3, and 15-degrees as the maximum allowable slop for residential driveways, no specific standard was provided.

The chair then presented the Operational Design Domain (ODD) environments and obstacles assignment. Environments were divided by terms such as private, public, indoor, and outdoor. The group had discussed the list of expected obstacles. Staff posed several questions regarding the applicability of certain obstacles and potentially adding additional test surfaces. The group also discussed the need to address different lighting conditions which may have a significant effect on certain sensors related to safety functions.

### General STP Updates

The next TG meetings are scheduled for on 09/27/2022. The Next full STP meeting is scheduled as a two-day meeting in Fremont, California on 10/25 and 10/26, staff tentatively plan to attend in person.