

From: Tom Scott

To: Behnam Ghaffari

Date: March 17, 2020

Subject: 0509-EX-ST-2020

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Message:

Upon direction from SpaceX Range Control, Liteye will position the Radar, Camera and Operating System in a designated location that best supports launch operations for exploratory testing and security evaluation on or near SLC 40. Liteye will also provide personnel to operate the system and will relay all pertinent data to the test director and site security lead and/or operations center.

The test will be conducted during pre-launch and launch activity, as directed by Space X Range Control. We expect the duration of the test activity to be conducted within a two week period; however, the exact dates of pre-launch/launch activity are dynamic and may be rescheduled. The primary window for this test is late April/early May, but may be delayed or postponed corresponding to a launch activity & test window.

The exploratory use of this radar, and corresponding camera/operating system is expected to provide evaluation data in regard to detection and surveillance of inadvertent and/or advertent ground threats posed to critical assets involved in the launch activity. Additionally, the following objectives will be pursued.

- Primarily detect, surveil and collect data on ground based intrusions; secondarily collect detect/surveil performance data on sea & air intrusions if applicable.
- Evaluate system configuration requirements best suited to meet local challenges
- Determine gaps in current surveillance capabilities

Analyze and report on SpaceX launch operations site security requirements and identify improvements to procedures and improved material solutions for security of launch activity.