

Public Summary

NOAA License for MicroSat 1 A/B Satellites

Name of System: **MicroSat 1 A/B**

Type of System: **2 Panchromatic Video Imagers**

Licensee: **Space Exploration Technologies Corp.**

Effective Date: **October 22, 2015**



The following information is being provided to the public with regards to the NOAA license for the MicroSat 1 A/B satellites.

Name, mailing address and telephone number of the licensee

Space Exploration Technologies Corporation
1030 15th Street NW
Suite 220E
Washington, DC 20005
(202) 649-2700

The name and address upon whom service of all documents may be made

Space Exploration Technologies Corporation
Attn. David Den Herder, Senior Counsel
1030 15th Street NW
Suite 220E
Washington, DC 20005

A general description of the system, its orbit(s) and the type of data to be acquired

Space Exploration Technologies Corp. (“SpaceX”) is a U.S. space technology company headquartered in California, with additional launch and test facilities in Florida and Texas, and a commercial satellite development center in Washington State.

As a step towards SpaceX’s eventual deployment of a large constellation of small satellites, SpaceX presently intends to experiment with 6-8 test and demonstration satellites starting in 2016. These are prototype engineering verification vehicles that will enable in-space performance assessment and rapid iteration of technologies. The first physical instantiation will be two satellites: MicroSat-1A and MicroSat-1B. Both of these satellites will be deployed from a SpaceX Falcon 9 rocket into an orbital plane of 625km circular at an approximate inclination of 86.4°. Both MicroSat-1A and MicroSat-1B are identical in construction.

This NOAA license allows each satellite to carry a single low-resolution panchromatic video imager. The imager will capture low-resolution images and video of Earth and the satellite itself. The images and video will not be used for commercial purposes and could potentially be used for general educational purposes, such as through the release of inspiring public Earth images.