

Question 7 – Purpose of Experiment (Extension of Special Temporary Authorization, File No. 1703-EX-ST-2018 (Granted November 9, 2018, as amended))

Pursuant to Part 5 of the Commission’s Rules (47 C.F.R. 5.61(c)), HawkEye 360, Inc. (“HE360”) respectfully requests authority for a three (3) month extension, *i.e.*, until September 1, 2019, of its existing special temporary authority (“STA”), 1703-EX-ST-2018 (granted Nov. 9, 2018, as amended). In the previously filed STA, the FCC approved HE360’s request until June 1, 2019 to communicate in certain frequencies in the S-band (space-to-Earth) from the Pathfinder experimental satellites to the HE360 Herndon, Virginia, ground station. HE360 is working to transition communications in the requested frequency bands to the Kongsberg Satellite Services (KSAT) ground station at Svalbard, Norway, before the STA expires on June 1, 2019. However, due to timelines associated with the installation, commissioning, and operational testing of new physical architecture at Svalbard, Norway, there is a schedule risk that the relevant facilities at the KSAT Svalbard ground station will not be ready by June 1, 2019. For this reason, HE360 requests a modest three-month extension of its existing authorization until September 1, 2019.

All other parameters specified in the prior application remain the same and HE360 hereby incorporates them by reference.¹ HE360 has initiated coordination with the relevant federal agencies.

Specific Objectives Sought to be Accomplished

See Narrative Description in ELS File No. 0024-EX-CN-2017 (filed January 11, 2017).

How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion, or utilization of the radio art, or is along line not already investigated.

See Narrative Description in ELS File No. 0024-EX-CN-2017 (filed January 11, 2017).

Estimated Experiment Duration

HE360 requests a modest three month extension of its existing authorization until September 1, 2019.

¹ See ELS File Nos. 1804-EX-ST-2017 (granted Nov. 9, 2018, as revised); 1703-EX-ST-2018 (granted Nov. 9, 2018, as revised).