



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA No. 19-1268

Report No. SAT-01432

Friday December 13, 2019

Satellite Policy Branch Information Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-LOA-20190102-00001 E S3042 HawkEye 360, Inc.
Launch and Operating Authority
Grant of Authority

Effective Date: 12/10/2019

Nature of Service: Earth Exploration Satellite Service, Other

On December 10, 2019, the Satellite Division granted in part, with conditions, and deferred in part the application of HawkEye 360 (HE360) for authority to construct, deploy, and operate a constellation of low-Earth orbit, non-geostationary satellites in the Earth Exploration Satellite Service. Specifically, the Division granted HE360 authority to construct, deploy, and operate up to 80 HE360 satellites, with apogee and perigee altitudes from 500 to 650 km (nominal 575 km) with inclinations of 97-98 degrees. HE360 was granted authority to use the following frequencies bands: 2025-2110 MHz (Earth-to-space) and 8025-8400 MHz (space-to-Earth) for primary data and telemetry, tracking and command (TT&C); and 2200-2290 MHz (space-to-Earth) for backup TT&C. The HE360 satellites will also have antennas capable of receiving in the following services and frequencies: ADS-B (1087.7-1092.3 MHz); AIS 1 (161.9625-161.9875 MHz); and AIS 2 (162.0125-162.0375 MHz); AIS 3 (156.7625-156.7875 MHz); and AIS 4 (156.8125-156.8375 MHz); DSC (156.5125-156.5375 MHz); and EPIRB (406.0-406.1).

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.