



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

DA No. 20-1502

Friday December 18, 2020

Report No. SAT-01518

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-AMD-20200728-00090 E S3042 HawkEye 360, Inc.
Amendment
Granted in Part/ Deferred in Part Effective Date: 12/14/2020

Nature of Service: Earth Exploration Satellite Service, Other

See IBFS File No. SAT-LOA-20190102-00001 for a full description of the action taken.

SAT-LOA-20190102-00001 E S3042 HawkEye 360, Inc.
Launch and Operating Authority
Granted in Part/ Deferred in Part Effective Date: 12/14/2020

Nature of Service: Earth Exploration Satellite Service, Other

On December 14, 2020, the Satellite Division granted in part, with conditions, the request of Hawkeye 360 (HE360) for modification of its license for a low-Earth orbit, non-geostationary orbit satellite system. Specifically, the Division modified HE360's license to specify an additional antenna, beginning with the second cluster of HE360 satellites, that is capable of receiving signals transmitted from terrestrial sources (Earth-to-space) in frequency bands used by the Global Positioning System (GPS), for the purpose of detecting terrestrial transmitters that are interfering with GPS signals. The Division also modified HE360's license to specify an additional antenna, beginning with the fourth cluster of HE360 satellites, capable of receiving signals in the 600 MHz to 10 GHz (Earth-to-space) frequency range.

SAT-LOA-20200511-00042 E S3067 R2 Space, Inc.

Launch and Operating Authority
Granted in Part/ Deferred in Part

Effective Date: 12/18/2020

Nature of Service: Earth Exploration Satellite Service

On December 18, 2020, the Satellite Division granted in part and deferred in part, with conditions, the request of R2 Space, Inc. to construct, deploy, and operate a constellation of low-Earth orbit, non-geostationary orbit (NGSO) satellites in the Earth Exploration Satellite Service. Specifically, the Division granted authority for R2 Space to construct, deploy, and operate one NGSO satellite, to be known as XR-1, which would operate at an altitude of approximately 550 kilometers, and conduct Synthetic Aperture Radar (SAR) imaging. R2 Space is authorized to operate the XR-1 satellite using the following frequency bands: 8225-8375 MHz (space-to-Earth) and 9500-9800 MHz for SAR imaging. R2 Space is authorized to operate in telemetry, tracking, and command operations using the 2262.75-2264.25 MHz frequency band (space-to-Earth) for communications with earth stations outside the United States, and the 2086.736-2086.864 MHz frequency band (Earth-to-space). This application was granted under the streamlined small satellite procedures adopted by the Commission in FCC 19-81.

SAT-LOA-20200914-00108 E S3073 Capella Space Corp.

Launch and Operating Authority
Grant of Authority

Effective Date: 12/17/2020

Nature of Service: Earth Exploration Satellite Service

On December 17, 2020, the Satellite Division granted authority, with conditions, to Capella Space Corp. to construct, deploy, and operate a constellation of three low-Earth orbit, non-geostationary orbit satellites in the Earth Exploration Satellite Service at an altitude of approximately 525 kilometers, and conduct Synthetic Aperture Radar (SAR) imaging. The satellites are known as Capella-2, Capella-3, and Capella-4. Capella Space is authorized to operate its satellites using a center frequency of 9600 MHz and a bandwidth of 600 megahertz for SAR imaging, a center frequency of 8212.5 MHz and bandwidth of 337.5 megahertz for its payload downlink (space-to-Earth), a center frequency of 2036 MHz and bandwidth of 1.4 megahertz for its TT&C uplink (Earth-to-space), and a center frequency of 8027 MHz and bandwidth of 1.4 megahertz for its TT&C downlink (space-to-Earth). Capella Space is also authorized to operate inter-satellite links with the Inmarsat system in the 1525.0-1559.0 MHz (transmitting direction) and 1626.5-1660.6 MHz (receive direction) frequency bands. The center frequencies and bandwidths for the inter-satellite links will be assigned by Inmarsat. This application was granted under the streamlined small satellite procedures adopted by the Commission in FCC 19-81.

SAT-PPL-20200930-00117 E S3075 Eutelsat S.A.

Petition for Declaratory Ruling to be Added to the Permitted List
Withdrawn

Effective Date: 12/17/2020

Nature of Service: Fixed Satellite Service, Mobile Satellite Service

SAT-STA-20200609-00068 E Momentus Inc

Special Temporary Authority
Withdrawn

Effective Date: 12/16/2020

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