

Before the  
**FEDERAL COMMUNICATIONS COMMISSION**  
Washington, DC 20554

In the Matter of

Maxar License Inc.

Application to Modify NGSO EESS  
Space Station Authorization (S2348)

File No. SAT-MOD- \_\_\_\_\_

**APPLICATION TO MODIFY NGSO EESS SPACE STATION AUTHORIZATION**

Maxar License Inc. (“Maxar”), pursuant to FCC Rule 25.117,<sup>1</sup> hereby requests modification of Call Sign S2348 of its non-geostationary satellite orbit (“NGSO”) Earth Exploration Satellite Service (“EESS”) system to extend the license term for an additional three years, through September 5, 2026.<sup>2</sup> Grant would serve the public interest by enabling Maxar to continue to utilize the GeoEye-1 space station to provide high resolution digital imaging for government, enterprise, and commercial customers.

No other change to the existing authorization is requested herein. Maxar incorporates by reference all technical information provided previously to the FCC regarding operation of the GeoEye-1 satellite, the only satellite currently operating under Call Sign S2348.<sup>3</sup> In response to

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<sup>1</sup> 47 C.F.R. § 25.117.

<sup>2</sup> See *DG Consents Sub, Inc. Application for Modification of NGSO EESS Authorization*, Stamp Grant, SAT-MOD-20160408-00033, Call Sign S2348 (2016).

<sup>3</sup> See ORBIMAGE, Inc. Application to Modify NGSO EESS Authorization, File No. SAT-MOD-20050511-00097, Call Sign S2348, Exhibits 1-2, 5, and Schedule S (filed May 11, 2005) (“GeoEye-1 Application”). The GeoEye-1 space station was formerly known as OrbView-5. See Letter from William L. Warren, Vice President, General Counsel, and Corporate Secretary, ORBIMAGE License Corp., to Ms. Marlene H. Dortch, FCC, File No. SAT-MOD-20050511-00097 (Nov. 27, 2006).

FCC Form 312 Question 40, Maxar also incorporates by reference the ownership information provided to the Commission as part of its recently approved transfer of control.<sup>4</sup> Per FCC Rule 1.62, Maxar will continue to operate pursuant to the terms and conditions of its expiring license until such time as the Commission makes a determination with respect to this request.<sup>5</sup>

GeoEye-1 is an X- and S-band satellite licensed to provide EESS utilizing the 8025-8400 MHz (space-to-Earth) and 2025-2110 MHz (Earth-to-space) bands, as well as conduct telemetry, tracking, and command (“TT&C”) operations in the 2092.6 MHz (Earth-to-space) and 8394 MHz (space-to-Earth) center frequencies. GeoEye-1 was successfully launched on September 6, 2008, and commenced commercial operations February 5, 2009.<sup>6</sup> Since that time, GeoEye-1 has served as a critical component of the NGSO EESS network operated by Maxar and its predecessor companies.

Call Sign S2348 will expire September 5, 2023.<sup>7</sup> Maxar seeks to extend the license term for three years, through September 5, 2026, to accommodate the remaining service life of the GeoEye-1 satellite. Maxar has not identified any single points of failure or malfunctions, defects, or anomalies that would affect its ability to conduct end-of-life procedures as planned,<sup>8</sup> and it does

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<sup>4</sup> See Maxar License, Inc., Application for Authorization for Transfer of Control, File No. SAT-T/C-20230213-00034, Exhibit E (filed Feb. 13, 2023).

<sup>5</sup> 47 C.F.R. § 1.62.

<sup>6</sup> See Letter from Daniel J. Connors, Jr., Vice President and Associate General Counsel, GeoEye Inc., to Ms. Marlene H. Dortch, FCC, File No. SAT-MOD-20050511-00097 (Dec. 10, 2012).

<sup>7</sup> See *DG Consents Sub, Inc. Application for Modification of NGSO EESS Authorization*, Stamp Grant, SAT-MOD-20160408-00033, Call Sign S2348, Condition 4 (2016); see also 47 C.F.R. § 25.121(a)(1), (d)(2).

<sup>8</sup> The GeoEye-1 post-mission disposal plan submitted by ORBIMAGE to, and approved by, the National Oceanic and Atmospheric Administration (“NOAA”) remains in place and is unaffected by the instant request for a three-year license term extension. See GeoEye-1 Application, Exhibit 1 at 3-4.

not foresee increased risk of anomaly as a result of a three-year term extension. Additionally, Maxar certifies that remaining fuel reserves are adequate to complete de-orbit and that TT&C links are fully functional.

Grant of this modification application serves the public interest by enabling Maxar to continue to deliver high resolution digital imaging from its operational GeoEye-1 satellite beyond its existing license term. In addition to facilitating efficient use of orbital resources, extension will benefit customers including government customers in defense, intelligence, and civil government agencies; enterprise customers in the energy and environmental industries; and commercial customers in mapping, logistics, and other fields.

For the foregoing reasons, Maxar respectfully requests that the Commission extend the license term for the GeoEye-1 space station authorization for three years, through September 5, 2026.

Respectfully submitted,

**Maxar License Inc.**

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