

MethaneSAT

26 March 2024

Ref: MLLC-240326-01

Federal Communications Commission
Space Bureau, Satellite Programs and Policy Division
45 L Street NE
Washington, DC 20554

Submitted electronically to the International Bureau Filing System: <https://licensing.fcc.gov/myibfs/>

Subject: Notification of Launch and Bringing into Use of MethaneSAT-1

Dear Sir or Madam,

Pursuant to 47 CFR § 25.164(b), MethaneSAT LLC hereby certifies that it has successfully launched the MethaneSAT-1 satellite (call sign S3160) and brought it into use on the assigned frequencies. The MethaneSAT-1 satellite was launched on 4 March 2024 on the SpaceX Transporter-10 mission. The satellite is currently active and operational and has been assigned NORAD ID 59101. This satisfies the requirement of § 25.164(b)(1).

MethaneSAT-1 is currently in an orbit as described below, consistent with our approved FCC license SAT-LOA-20230228-00042 LOA and SAT-AMD-20231214-00318 AMD.

Altitude:	591.3 km	RAAN:	204.8 deg
Inclination:	97.75 deg	Arg of Perigee:	150.34 deg
Eccentricity	0.0008	Arg of Latitude:	61.4 deg

MethaneSAT-1 has successfully communicated on the three frequencies assigned in our license:

EESS

XBTX: 8025-8400 MHz, center frequency of 8175.0 MHz, 96.0 MHz bandwidth (space-to-Earth)
(data downlink)

Telemetry, tracking, and command

SBRX: 2025-2110 MHz, center frequency of 2034.5 MHz, 200 kHz bandwidth (Earth-to-space)
SBTX: 2200-2290 MHz, center frequency of 2234.5 MHz, 2.0 MHz bandwidth (space-to-Earth)

MethaneSAT-1 is also fully compliant with the conditions in our license.

As MethaneSAT LLC has brought the MethaneSAT-1 satellite into use within 6 years from the grant of the authorization, we respectfully request the Commission to certify that MethaneSAT LLC is hereby relieved of its surety bond obligation as required under § 25.165.

MethaneSAT

Please contact the undersigned if there any questions with this notification or if further information is required.

Kind regards,

A handwritten signature in black ink, appearing to read 'P. W. Vedder', with a stylized, cursive script.

Dr. Peter W. Vedder
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