S2990 SAT-STA-20191002-00104 IB20190034

GRANTED*
International Bureau

File # SAT-STA-20191002-00104
Call Sign S2990 Grant Date 10/07/19
(or other identifier)
Term Dates period of
From 10/07/19 To: 30 days
Approved: Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060–0678

Date & Time Filed: Oct 2 2019 3:24:26:153PM
File Number: SAT–STA–20191002–00104
Callsign:

*Operations on an unprotected, non-interference basis only.

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Satellite STA

1. Applicant

Name:	Space Logistics, LLC	**Phone Number:**	703−406−5000
DBA Name:		**Fax Number:**	
Street:	45101 Warp Drive	**E–Mail:**	Joseph.Anderson@ngc.com
City:	Dulles	**State:**	VA
Country:	USA	**Zipcode:**	20166
Attention:	Mr. Joseph Anderson		

2. Contact

Name:	Mr. Tony Lin	**Phone Number:**	202−637−5795
Company:	Hogan Lovells US LLP	**Fax Number:**	
Street:	555 13th Street. NW	**E-Mail:**	tony.lin@hoganlovells.com
City:	Washington	**State:**	DC
Country:	USA	**Zipcode:**	20004 -
Attention:		**Relationship:**	Legal Counsel

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number SATLOA2017022400021 or Submission ID

4a. Is a fee submitted with this application?

◉ If Yes. complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114).

○ Governmental Entity ○ Noncommercial educational licensee

○ Other(please explain):

4b. Fee Classification CRY – Space Station (Geostationary)

5. Type Request

○ Change Station Location ○ Extend Expiration Date ◉ Other

6. Temporary Orbit Location	7. Requested Extended Expiration Date

8. Description (If the complete description does not appear in this box. please go to the end of the form to view it in its entirety.)

Applicant requests 30-day Special Temporary Authority to conduct launch and early orbit phase operations for MEV-1 (Call Sign S2990) using 200 kHz channels centered on 3698.00 MHz (downlink) and 5924.00 MHz (uplink).

9. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.

(●) Yes ( ) No

10. Name of Person Signing	11. Title of Person Signing
Mr. Joseph Anderson	Director, Space Logistics, LLC

12. Please supply any need attachments.

Attachment 1: Narrative	Attachment 2:	Attachment 3:

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104–13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Special Temporary Authority Request

Space Logistics, LLC ("Space Logistics") requests Special Temporary Authority ("STA") to conduct launch and early orbit phase ("LEOP") operations for MEV-1 (Call Sign S2990) using 200 kHz channels centered on 3698.00 MHz (downlink) and 5924.00 MHz (uplink).[1] MEV-1 will communicate on these frequencies only with an earth station in Uralla, Australia and a backup earth station in Kumsan, South Korea, if necessary.[2]

Use of the proposed frequencies is expected to be less than twenty-four hours and has been coordinated with all relevant operators in the LEOP path. Because of the uncertainty associated with the launch date and to provide operational flexibility,[3] Space Logistics requests a 30-day STA commencing upon grant of the application. The requested temporary operations will facilitate launch and operations of MEV-1 and, accordingly, will serve the public interest.

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[1] Space Logistics' proposed use of the frequency bands complies with the Table of Frequency Allocations. The proposed frequencies are within bands, 3650-3700 MHz and 5850-5925 MHz, that are internationally allocated for Fixed-Satellite Service. *See* 47 C.F.R. § 2.106. Downlink transmissions at 3698.00 MHz will have the technical characteristics specified in the application for conventional C-band operations (*e.g.*, maximum transmit EIRP density of 35.69 dBW/Hz and maximum transmit EIRP of 17.32 dBW). *See* Schedule S, Application of Space Logistics, File No. SAT-LOA-20170224-00021 (filed Feb. 24, 2017).

[2] Intelsat License LLC ("Intelsat") has separately filed several applications to provide LEOP and telemetry, tracking, and command services to MEV-1 from a number of U.S. earth stations using the following frequencies: 5927.50 MHz, 6170.00 MHz, and 6180.00 MHz for uplinks; and 3944.50 MHz, 3955.50 MHz, and 4199.80 MHz for downlinks. *See, e.g.*, Application of Intelsat, File No. SES-STA-20190904-01198 (filed Sept. 4, 2019).

[3] MEV-1 was originally scheduled for launch on September 30, 2019. The launch has not yet been officially rescheduled but is expected soon.