Approved by OMB
3060–0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATIONEnter a description of this application to identify it on the main menu:
Request for 30–Day STA Using Riverside, CA Earth Station E040125 for StarOne–D1 LEOP

1. Applicant

Name:	Intelsat License LLC	**Phone Number:**	703–559–7848
DBA Name:		**Fax Number:**	703–559–8539
Street:	c/o Intelsat Corporation	**E–Mail:**	susan.crandall@intelsat.com
	7900 Tysons One Place		
City:	McLean	**State:**	VA
Country:	USA	**Zipcode:**	22102 –5972
Attention:	Susan H. Crandall		

GRANTED
International Bureau

File # SES-STA-20161207-00935
E040125
Call Sign _____ Grant Date 12-14-16
(or other identifier)
Term Dates
From: 12-21-16 To: 1-20-17
Approved: Paul E Blais

GRANTED
International Bureau

File # SES-STA-20161207-00935
Call Sign E040125 Grant Date 12-14-16
(or other identifier)
Term Dates
From: 12-21-16 To: 1-20-17
Approved: Paul E Blace

Applicant: Intelsat License LLC
File No.: SES-STA-20161207-00935
Call Sign: E040125
Special Temporary Authority (STA)

Intelsat License LLC (Intelsat) is granted a special temporary authority, for 30 days, beginning December 21, 2016 to operate its fixed earth station in Riverside, California, call-sign E040125, to provide launch and early orbit phase (LEOP) services for StarOne-D1 satellite licensed by Brazil and provide telemetry, tracking, and command (TT&C) functions during the in-orbit testing (IOT) and drift to its final location of 84° W.L., using the following center frequencies: 6424.5 MHz and 6422.5 MHz (Earth-to-space), and 4198.5 MHz and 4199.0 MHz (space-to-Earth). The in-orbit testing location will be permanent orbital location 84 ° W.L. The LEOP and TT&C operations during the IOT will be under the following conditions:

1. All operations must be within the coordinated emission and power limits.

2. During the drift to the satellite's permanent orbital location 84° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.

3. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for the StarOne-D1 mission is as follows: Ph.: (703) 559-7701 - East Coast Operations Center (primary); (310) 525-5591 - West Coast Operations Center (back-up). Request to speak with Harry Burnham or Kevin Bell.

4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's E040125 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.

5. In the event of any harmful interference under this grant of STA, Intelsat License LLC, E040125, must cease operations immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event.

6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.

7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.

8. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

2. Contact

Name:	Cynthia J. Grady	**Phone Number:**	703–559–6949
Company:	Intelsat Corporation	**Fax Number:**	703–559–8539
Street:	7900 Tysons One Place	E–Mail:	cynthia.grady@intelsat.com
City:	McLean	**State:**	VA
Country:	USA	**Zipcode:**	22102 –5972
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 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 CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

○ Use Prior to Grant ○ Change Station Location ◉ Other

6. Requested Use Prior Date	
7. CityNuevo	8. Latitude (dd mm ss.s h) 33 47 43.6 N

9. State CA	10. Longitude (dd mm ss.s h) 117 5 20.4 W

11. Please supply any need attachments.

Attachment 1: STA Request Attachment 2: Exhibit A Attachment 3: Exhibit B

12. 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.)

Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days, commencing December 24, 2016, to use its Riverside, California C-band earth station, call sign E040125, to provide launch and early orbit phase services for the StarOne-D1 satellite. StarOne-D1 is expected to be launched on December 24, 2016.

13. 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

14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Regulatory Counsel, Intelsat Corporation

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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060–0678.

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.

Prepared By

COMSEARCH

19700 Janelia Farm Boulevard, Ashburn, VA 20147
(703)726-5500 http://www.comsearch.com

Prepared For

Intelsat License LLC
Nuevo, California

Temporary Transmit-Only Earth Station
Operation Dates: 12/20/2016 - 01/04/2017

Pursuant to Part 25.203(c) of the FCC Rules and Regulations, the satellite earth station proposed in this application was coordinated by Comsearch using computer techniques and in accordance with Part 25 of the FCC Rules and Regulations. Verbal and written coordination was conducted with the below listed carriers on October 26, 2016.

Company

ABC Holding Company Inc.
AC BidCO LLC
AT&T Corp.
AT&T Mobility Spectrum LLC - Southern CA
AirSites2000, LLC
Alltel Comm Southwest Holdings Inc.
Anaheim City, of
Arizona Public Service Company (APS)
Arizona, State Of
BNSF Railway Company
CCO SoCal I, LLC
California, State of
Calvary Chapel of Costa Mesa
Cellco Partnership - Southern California
City of Casa Grande
City of Los Angeles Dept Water & Power
City of Montebello
City of Yuma
Coachella Valley Water District
Coast Community College District
Commnet Four Corners, LLC
DM Ventures, Inc. dba Warp2Biz
DRS Global Enterprise Solutions, Inc.
Entravision Holdings, LLC
Federal Communication Commission
Fisher Wireless Services, Inc.
Fresno MSA Limited Partnership
Gila River Cellular General Partnership
Glendale, City of
Global Telecom & Technology Americas, In
GovNET Licenses LLC
ION Media Los Angeles License, Inc.
KTLA, LLC
Kern Ed Telecom Consortium
Kern, County of
LDM Engineering

LOS ANGELES UNIFIED SCHOOL DISTRICT
Lightwave Broadband LLC
Los Angeles City Info Technology Agency
Los Angeles County Dept of Public Works
Los Angeles County FCC Licensing Section
Los Angeles County Metro Transit Auth
Los Angeles Regional Interoperable Comm
Los Angeles SMSA Ltd. Partnership
MHO Networks
MOBILE RELAY ASSOCIATES INC
Maricopa County Wireless Systems
Metropolitan Water Dist of So California
NRJ TV LA License Co, LLC
New Cingular Wireless PCS LLC - AZ
New Cingular Wireless PCS - Los Angeles
New Cingular Wireless PCS LLC - N CAL
New Cingular Wireless PCS LLC -San Diego
Nextel License Holdings 4 Inc.
Nextel of California Inc.
Norris, Samuel O
Northrop Grumman Systems Corp.
Olympic Wireless, LLC
Orange, County of, CA
Pacific Bell Tel Com dba AT&T California
Pacific Lightwave Inc
Phoenix, City of
Pinal, County of
QUALCOMM INC.
Qwest Corporation
Regional 3Cs
Riverside, County of
San Bernardino County of California
San Diego Broadband
San Diego County Water Authority
San Diego Gas & Electric Company
San Diego, City of
San Diego, County of
Skyriver Communications
Southern California Edison Company
Southern California Gas Company
Southern California Regional Rail Auth.
Sprint Spectrum L.P.
Sprint Telephony PCS, L.P.
Station Venture Operations, LP
T-Mobile License LLC
TV Microwaves Company
Table Top Telephone Company
Telink Networks SW, LLC
Time Warner Cable Pacific West LLC
Tucson Electric Power Company
Turn Wireless, LLC
Ultimate Internet Access, Inc
Union Pacific Railroad Company
University of California, HPWREN
Vectus, Inc
Verizon California Inc.

Verizon Wireless (VAW) LLC (Southern CA)
Verizon Wireless (VAW) LLC-N CA/NV
Verizon Wireless(VAW) LLC-AZ/CO/NM/NV/UT
Western Technical Services
White, Fred K

There are no unresolved interference objections with the station contained in these applications.

The following section presents the data pertinent to frequency coordination of the earth station that was circulated to all carriers within its coordination contours.

COMSEARCH
Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147
(703)726-5500 http://www.comsearch.com

Date:	10/25/2016
Job Number:	161026COMSGE03

Administrative Information	
Status	TEMPORARY (Operation from 12/20/2016 to 01/04/2017)
Call Sign	TEMP01
Licensee Code	INTELS
Licensee Name	Intelsat License LLC

Site Information	**NUEVO, CA**
Venue Name	
Latitude (NAD 83)	33° 47' 43.6" N
Longitude (NAD 83)	117° 5' 20.4" W
Climate Zone	A
Rain Zone	4
Ground Elevation (AMSL)	566.62 m / 1859.0 ft

Link Information	
Satellite Type	Geostationary
Mode	TO - Transmit-Only
Modulation	Digital
Satellite Arc	45° W to 170° West Longitude
Azimuth Range	100.2° to 247.2°
Corresponding Elevation Angles	6.2° / 22.0°
Antenna Centerline (AGL)	7.32 m / 24.0 ft

Antenna Information		**Transmit - FCC32**	
Manufacturer		Vertex	
Model		11 KPC	
Gain / Diameter		55.5 dBi / 11.0 m	
3-dB / 15-dB Beamwidth		0.30° / 0.50°	
Max Available RF Power	(dBW/4 kHz)	10.7	
	(dBW/MHz)	34.7	
Maximum EIRP	(dBW/4 kHz)	66.2	
	(dBW/MHz)	90.2	
Interference Objectives:	Long Term	-154.0 dBW/4 kHz	20%
	Short Term	-131.0 dBW/4 kHz	0.0025%

Frequency Information	**Transmit 6.1 GHz**
Emission / Frequency Range (MHz)	850KFXD / 6422.5 - 6424.5
Max Great Circle Coordination Distance	515.7 km / 320.4 mi
Precipitation Scatter Contour Radius	381.6 km / 237.1 mi

Coordination Values	**NUEVO, CA**		
Licensee Name	Intelsat License LLC		
Latitude (NAD 83)	33° 47' 43.6" N		
Longitude (NAD 83)	117° 5' 20.4" W		
Ground Elevation (AMSL)	566.62 m / 1859.0 ft		
Antenna Centerline (AGL)	7.32 m / 24.0 ft		
Antenna Model	Vertex 11 meter		
Antenna Mode	Transmit 6.1 GHz		
Interference Objectives: Long Term	-154.0 dBW/4 kHz	20%	
Short Term	-131.0 dBW/4 kHz	0.0025%	
Max Available RF Power	10.7 (dBW/4 kHz)		

Transmit 6.1 GHz

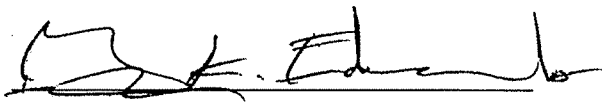
Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Horizon Gain (dBi)	Coordination Distance (km)
0	0.91	100.15	-10.00	172.39
5	2.23	95.18	-10.00	133.74
10	1.88	90.19	-10.00	140.02
15	2.42	85.20	-10.00	130.20
20	2.49	80.21	-10.00	128.82
25	2.56	75.22	-10.00	127.47
30	3.50	70.22	-10.00	110.23
35	3.34	65.23	-10.00	113.16
40	3.36	60.23	-10.00	112.81
45	3.28	55.24	-10.00	114.21
50	2.88	50.27	-10.00	121.63
55	2.50	45.31	-9.40	130.89
60	2.77	40.31	-8.14	130.54
65	3.44	35.29	-6.69	123.71
70	3.10	30.33	-5.05	134.68
75	3.19	25.36	-3.10	140.91
80	3.76	20.33	-0.70	140.20
85	3.33	15.45	2.28	163.29
90	3.39	10.56	6.41	185.04
95	2.51	6.34	11.94	232.12
100	2.99	3.18	19.45	515.71
105	3.63	5.38	13.72	217.20
110	3.84	9.29	7.80	182.70
115	3.70	13.36	3.86	163.23
120	3.87	17.17	1.13	146.35
125	3.84	21.02	-1.07	137.23
130	4.49	24.32	-2.65	122.77
135	3.88	28.30	-4.29	125.06
140	4.24	31.47	-5.45	115.37
145	4.11	34.76	-6.53	113.04
150	4.48	37.41	-7.32	105.07
155	4.67	39.84	-8.01	100.00
160	4.09	42.53	-8.72	105.16
165	4.55	43.90	-9.06	100.00
170	4.85	44.86	-9.30	100.00
175	5.79	44.68	-9.25	100.00
180	6.19	44.52	-9.21	100.00
185	6.91	43.57	-8.98	100.00

Coordination Values	**NUEVO, CA**		
Licensee Name	Intelsat License LLC		
Latitude (NAD 83)	33° 47' 43.6" N		
Longitude (NAD 83)	117° 5' 20.4" W		
Ground Elevation (AMSL)	566.62 m / 1859.0 ft		
Antenna Centerline (AGL)	7.32 m / 24.0 ft		
Antenna Model	Vertex 11 meter		
Antenna Mode	Transmit 6.1 GHz		
Interference Objectives: Long Term	-154.0 dBW/4 kHz	20%	
Short Term	-131.0 dBW/4 kHz	0.0025%	
Max Available RF Power	10.7 (dBW/4 kHz)		

			Transmit 6.1 GHz	
Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Horizon Gain (dBi)	Coordination Distance (km)
190	7.27	42.53	-8.72	100.00
195	6.99	41.64	-8.49	100.00
200	6.27	40.64	-8.22	100.00
205	5.71	38.99	-7.77	100.00
210	5.71	36.45	-7.04	100.00
215	6.70	32.84	-5.91	100.00
220	7.49	29.16	-4.62	100.00
225	7.03	26.16	-3.44	100.00
230	5.65	23.57	-2.31	111.03
235	6.10	19.95	-0.50	113.79
240	5.73	17.76	0.76	122.64
245	5.59	16.57	1.52	126.97
250	5.18	17.07	1.20	129.68
255	4.95	18.72	0.19	128.04
260	4.51	21.57	-1.35	127.60
265	4.74	24.62	-2.78	118.93
270	4.38	28.54	-4.39	117.44
275	4.51	32.48	-5.79	110.32
280	4.14	36.88	-7.17	110.23
285	3.19	41.60	-8.48	121.57
290	2.77	46.16	-9.61	125.13
295	1.04	51.16	-10.00	164.59
300	0.82	55.70	-10.00	177.36
305	0.00	60.40	-10.00	221.42
310	0.00	64.94	-10.00	221.42
315	0.00	69.50	-10.00	221.42
320	0.00	74.10	-10.00	221.42
325	0.00	78.71	-10.00	221.42
330	0.00	83.34	-10.00	221.42
335	0.00	87.97	-10.00	221.42
340	0.00	92.60	-10.00	221.42
345	0.00	97.24	-10.00	221.42
350	0.00	101.86	-10.00	221.42
355	0.00	105.10	-10.00	221.42

Certification

I hereby certify that I am the technically qualified person responsible for the preparation of the frequency coordination data contained in this report. I am familiar with Parts 101 and 25 of the FCC Rules and Regulations and I have either prepared or reviewed the frequency coordination data submitted with this report, and that it is complete and correct to the best of my knowledge and belief.

BY: 

Gary K. Edwards
Senior Manager
COMSEARCH
19700 Janelia Farm Boulevard
Ashburn, VA 20147

DATED: December 02, 2016

Exhibit B

PETITION FOR WAIVER OF SECTIONS 25.137 AND 25.114

Pursuant to Section 25.137 of the Federal Communications Commission's ("Commission" or "FCC") rules, earth station applicants "requesting authority to operate with a non-U.S. licensed space station *to serve the United States*" must demonstrate that effective competitive opportunities exist and must provide the same technical information required by Section 25.114 for U.S.-licensed space stations.[1] Intelsat License LLC ("Intelsat") herein seeks authority to provide launch and early orbit phase ("LEOP") services—not commercial services—to the United States, and thus believes that Section 25.137 does not apply.[2]

To the extent the Commission determines, however, that Intelsat's request for authority to provide LEOP services on a special temporary basis is a request to serve the United States with a non U.S.-licensed satellite, Intelsat respectfully requests a waiver of Sections 25.137 and 25.114 of the Commission's rules.[3] The Commission may grant a waiver for good cause shown.[4] The Commission typically grants a waiver where the particular facts make strict compliance inconsistent with the public interest.[5] In granting a waiver, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.[6] Waiver is therefore appropriate if special circumstances warrant a deviation from the general rule, and such a deviation will serve the public interest.

In this case, good cause exists for a waiver of both Section 25.137 and Section 25.114. With respect to Section 25.114, Intelsat seeks authority only to provide LEOP services for the StarOne-D1 satellite. The information sought by Section 25.114 is not relevant to LEOP services. Moreover, Intelsat does not have—and would not easily be able to obtain—such information because Intelsat is not the operator of the StarOne-D1 satellite, nor is Intelsat in contractual privity with that operator. Rather, an affiliate of Intelsat has a contract with SSL, the manufacturer of the StarOne-D1 satellite, to conduct LEOP services for the satellite.

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[1] 47 C.F.R. § 25.137 (emphasis added).

[2] *See EchoStar Satellite Operating Company Application for Special Temporary Authority Related to Moving the EchoStar 6 Satellite from the 77° W.L. Orbital Location to the 96.2° W.L. Orbital Location, and to Operate at the 96.2° W.L. Orbital Location*, DA 13-593, File No. SAT-STA-20130220-00023 (released Apr. 1, 2013) (noting that operating TT&C earth stations in the United States with a foreign-licensed satellite does not constitute "DBS service").

[3] 47 C.F.R. §§ 25.137 and 25.114.

[4] 47 C.F.R. §1.3.

[5] *N.E. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) ("*Northeast Cellular*").

[6] *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.

The information that Intelsat is not including is not required to determine potential harmful interference. The Schedule S information for this satellite would pertain to the operation of the StarOne-D1 satellite at its final orbital location. However, the present application for LEOP services involves communications *prior* to the satellite attaining its final location in the geostationary orbit. In other words, during the LEOP mission, the earth station will not be communicating with a satellite located in the geostationary orbit. Rather, it will be transmitting to a satellite traveling on its "transfer orbit" or "LEOP path," which starts immediately following its separation from a launch vehicle, and ends when the satellite reaches its geostationary orbital location. Moreover, as with any STA, Intelsat will perform the LEOP services on a non-interference basis.

Because it is not relevant to the service for which Intelsat seeks authorization, and because obtaining the information would be a hardship, Intelsat seeks a waiver of all the information required by Section 25.114. Intelsat has provided in this STA request the required technical information that is relevant to the LEOP services for which Intelsat seeks authorization.

Good cause also exists to waive Section 25.137. Section 25.137 is designed to ensure that "U.S.-licensed satellite systems have effective competitive opportunities to provide analogous services" in other countries. Here, there is no service being provided by the satellite; it is simply being placed in its orbital location after separating from the launch vehicle. Thus, the purpose of the information required by Section 25.137 is not implicated here. For example, Section 25.137(d) requires earth station applicants requesting authority to operate with a non-U.S.-licensed space station that is not in orbit and operating to post a bond.[7] The underlying purpose in having to post a bond—*i.e.*, to prevent warehousing of orbital locations by operators seeking to serve the United States—would not be served by requiring Intelsat to post a bond in order to provide approximately ten days of LEOP services to the StarOne-D1 satellite.

It is Intelsat's understanding that StarOne-D1 is licensed by Brazil, which is a WTO-member country. Thus, the purposes of Section 25.137—to ensure that U.S. satellite operators enjoy "effective competitive opportunities" to serve foreign markets and to prevent warehousing of orbital locations serving the United States—will not be undermined by grant of this waiver request.

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[7] *See* 47 C.F.R. §25.137(d)(4).

INTELSAT
Envision. Connect. Transform.

December 7, 2016

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority
Riverside, California Earth Station E040125
File No. SES-STA-INTR2016-02636

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein supplements its above referenced request for Special Temporary Authority ("STA"). Specifically, Intelsat is updating the record to reflect a new commencement and new launch date. Accordingly, the first paragraph should read:

> Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA") for 30 days, commencing **December 22, 2016**, to use its Riverside, California C-band earth station—call sign E040125—to provide launch and early orbit phase ("LEOP") services for the StarOne-D1 satellite. StarOne-D1 is expected to be launched on **December 22, 2016**. The LEOP period is expected to last approximately fifteen days.

Please direct any further questions regarding this STA supplement to the undersigned at (703) 559-6949.

Sincerely,

Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

December 8, 2016

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority
Riverside, California Earth Station E040125
File No. SES-STA-20161207-00935

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein supplements its above referenced request for Special Temporary Authority ("STA"). Specifically, Intelsat is updating the record to reflect a new commencement and new launch date. Accordingly, the first paragraph should read:

> Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA") for 30 days, commencing no earlier than **December 21, 2016**, to use its Riverside, California C-band earth station—call sign E040125—to provide launch and early orbit phase ("LEOP") services for the StarOne-D1 satellite. StarOne-D1 is expected to be launched on **December 21, 2016**. The LEOP period is expected to last approximately fifteen days.

Please direct any further questions regarding this STA supplement to the undersigned at (703) 559-6949.

Sincerely,

Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

INTELSAT
Envision. Connect. Transform.

December 13, 2016

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority
Riverside, California Earth Station E040125
File No. SES-STA-20161207-00935

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein supplements its above referenced request for Special Temporary Authority ("STA"). Specifically, Intelsat is updating the record to reflect the additional request to provide back-up C-band telemetry, tracking, and command ("TT&C") services to the StarOne-D1 satellite during the Ka-band in-orbit testing ("IOT") of the satellite. Accordingly, the first paragraph should read:

> Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA") for 30 days, commencing December 21, 2016, to use its Riverside, California C-band earth station—call sign E040125—to provide launch and early orbit phase ("LEOP") services, **and back-up telemetry, tracking, and command ("TT&C") services during the Ka-band in-orbit testing ("IOT") period,** for the StarOne-D1 satellite. StarOne-D1 is expected to be launched on December 21, 2016. The LEOP **and Ka-band IOT periods are expected to last approximately fifteen and eight days, respectively**.

Please direct any further questions regarding this STA supplement to the undersigned at (703) 559-6949.

Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais