

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA Request for Earth Station E000296

1. Applicant

Name:	Intelsat License LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall		



File # SES-STA-20130117-00063
E00296
Call Sign Grant Date 1-29-13
(or other identifier)
Term Dates
From 1-29-13 To: 2-28-13
Approved: Paul E. Blain

Applicant: Intelsat License LLC
Call Sign: E000296
File No.: SES-STA-20130117-00063
Special Temporary Authority (STA)

Intelsat License LLC is granted special temporary authority, with conditions, for 30 days, from January 29, 2013, to use its Hagerstown, Maryland C-band earth station, Call Sign E000296, to provide launch and early orbit phase (LEOP) services for the Intelsat 27 satellite, Call Sign S2827. Intelsat is granted authority to conduct telemetry, tracking, and command (TT&C) operations using center frequencies of 3701.25 MHz, 3701.75 MHz, 3702.25 MHz, and 3702.75 MHz (space-to-Earth), and 5925.5 MHz and 6424.5 MHz (Earth-to-space) necessary to maintain Intelsat 27 at 51.5° W.L. and to drift the Intelsat 27 space station to its authorized location of 55.5° W.L. Intelsat is also authorized to conduct in-orbit testing (IOT) of the Intelsat 27 satellite at the 51.5° W.L. orbital location using the 3700 – 4200 MHz (space-to-Earth), 5925 – 6425 MHz (Earth-to-space), 11.45 – 11.70 GHz (space-to-Earth), 11.7 – 12.2 GHz (space-to-Earth), 12.50-12.75 GHz (space-to-Earth), and 14.0 – 14.5 GHz (Earth-to-space) frequency bands. Operations under this authorization must be in accordance with the terms and conditions contained this application, authorization of Intelsat's application SAT-STA-20121126-00204, the Federal Communications Commission's rules not waived herein, and are subject to the following conditions:

1. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path must 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 Intelsat 27 LEOP mission is as follows: Ph.: (202) 944-7701 - East Coast Operations Center (primary); (310) 525-5900 - West Coast Operations Center (back-up). Harry Burnham and Kevin Bell are the LEOP and IOT points of contact.
2. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station.
3. In the event of any harmful interference under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat License LLC risk.
5. Intelsat is afforded 30 days from the date of release of this action to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
6. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately. Petitions for reconsideration under Section 1.106 of the Commission's rules or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the public notice indicating that this action was taken.

	
File #	SES-STA-20130117-00063
Call Sign	E000296
(or other identifier)	
Grant Date	1-29-13
Term Dates	From 1-29-13 To 2-28-13
Approved:	

2. Contact

Name:	Susan H. Crandall	Phone Number:	202-944-7848
Company:	Intelsat Corporation	Fax Number:	202-944-7870
Street:	3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall	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. City Hagerstown

8. Latitude
(dd mm ss.s h) 39 35 54.0 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 35.0 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibit A Attachment 3:	
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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days commencing January 28, 2013 to use its Hagerstown, Maryland C-band earth station, call sign E000296, to provide launch and early orbit phase services for the Intelsat 27 satellite that is expected to be launched on January 28, 2013.</div>	
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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. General 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

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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
Hagerstown, Maryland

Temporary Transmit/Receive Earth Station
Operation Dates: 01/26/2013 - 03/15/2013

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 January 9, 2013.

Company

AB Services LLC
ADAMS COUNTY EMERGENCY MANAGEMENT AGENCY
AT&T COMMUNICATIONS OF MARYLAND INC
AT&T Communications of Virginia, LLC
AT&T Corp.
Aerbender, LLC
Allentown SMSA Limited Partnership
Alltel Communications LLC - Western PA
Alltel Communications LLC-E OH WV
Alltel Communications LLC-Southern VA
Alltel Communications of Petersburg Inc
American Electric Power Service Corp.
Appalachia Engineering Services
Appalachian Broadcasting
Atlantic Broadband (Delmar), LLC
Atlantic Broadband (Penn), LLC
Atlantic City Electric Company
Auburn Data Systems, LLC
B20 LLC
BAY BROADBAND COMMUNICATIONS LLC
BLAIR COUNTY 911
Baltimore County of Maryland
Baltimore Gas and Electric Company
Bedford, County of
Bellevue Wireless, LLC
Berks, County of
Blue Ridge Carriers
CAMDEN COUNTY
CHESTER, COUNTY OF
CLEARFIELD, COUNTY OF

Company (Continued)

CNG Transmission Corporation
COLLEGE OF SOUTHERN MARYLAND
CROWN COMMUNICATION, INC.
Cable Of The Carolinas
Cambria, County of
Capital Communications of America
Cellico Partnership - Bridgetown, PA/WV
Cellico Partnership - Southern Virginia
Cellico Partnership- PA Region
Cellico Partnership-Newark-Dallas Verizon
Cellico Partnership-WDC/Baltimore
Cellico Ptnrshp - Phil. Tri-State Rgn
Charles, County of
China Cat Productions LLC
Commonwealth of Pennsylvania
Commonwealth of Pennsylvania-Radio Proj.
Comprehensive Wireless LLC
Conterra Ultra Broadband, LLC
Converge Towers LLC
Coral Reef Technologies Ltd
Coralinks
County of Frederick
DAUPHIN COUNTY EMERGENCY MANAGEMENT
Delaware Division of Communications
Delmarva Power & Light Company
ECW Wireless, LLC
EG Broadcast Newco Corp
Eastern MLG LLC
Enoch Pratt Free Library
Exelon Generation Company, L.L.C
FELHC, Inc.
Fayette, County of
Federal Communications Commission
Frederick County
Fundamental Broadcasting LLC
Garden State Transmissions
Gloucester, County of
Greene, County of (PA)
Hanover, County of
Hardy Cellular Telephone Company
Harrisonburg-Rockingham ECC
High Voltage Communications LLC
Huntingdon, County of
INDIANA, COUNTY OF
JEFFERSON COUNTY OF PENNSYLVANIA
Jefferson Microwave, LLC
Juniata County Emergency Services
King and Queen County
Kreider Networks
Kreider Networks
Kryptic Technologies

Company (Continued)

Last Mile Inc.
Loudoun County, Virginia
MVC Research, LLC
Mahwah Communications
Maryland Public Broadcasting Commission
Maryland State Highway Administration
Maryland, State of - Dept. of Info & Tech
National Radio Astronomy Observatory
New Cingular Wireless PCS LLC -NJ
New Cingular Wireless PCS - Maryland
New Cingular Wireless PCS LLC - DC
New Cingular Wireless PCS LLC - VA
New Cingular Wireless PCS LLC - WV/NC/SC
New Cingular Wireless PCS LLC-DE/NH/RI
New Cingular Wireless PCS, LLC - PA
New Jersey Turnpike Authority-Pkwy Div
New Jersey, State of -NJ Transit
Newgig Networks, LLC
Norfolk Southern Railway
OHIO POWER COMPANY
PENNSYLVANIA TURNPIKE COMMISSION
PSEG Services Corporation
Peco Energy Company
Penn Service Microwave Co., Inc.
Peoples Natural Gas Company LLC
Pitt Power
Pittsburgh SMSA Limited Partnership
Prince George's County
RAPPAHANNOCK ELECTRIC COOPERATIVE
SCS Networks
SCTF NET
SHENANDOAH VALLEY ELECTRIC COOPERATIVE
SOMERSET COUNTY
SW Networks
Southern Maryland Electric Cooperative I
Sprint Spectrum, LP
St. Mary's County of (MD)
Stafford, County of
State of Maryland, MIEMSS
State of WV/DHHR/BPH STECS
TRF SERVICES LLC
Texas Eastern Communications, Inc.
Thought Transmissions, LLC
Turtle Networks 6386
Turtle Networks 6467
US Cellular Operating Company, LLC (WI)
USCOC of Cumberland, Inc.
USCOC of Virginia RSA #2, Inc.
USCOC of Virginia RSA #3, Inc.
Velox Networks LLC

Company (Continued)

Verizon Maryland, Inc.
Verizon Wireless (VAW) LLC - Delaware
Verizon Wireless (VAW) LLC - Maryland
Verizon Wireless (VAW) LLC - W/BV Mkts
Verizon Wireless (VAW) LLC-Pennsylvania
Verizon Wireless LLC - West Virginia
Verizon Wireless VAW LLC-Southern VA
Virginia RSA 5 Limited Partnership
Virginia Broadband, LLC
Virginia Cellular LLC
Virginia Department of State Police
Virginia Electric & Power Company
Virginia PCS Alliance, L.C.
WHEELING POWER COMPANY
WITF Inc.
Washington D.C. SMSA L.P.
Washington Gas Light Company
Washington Suburban Sanitary Commission
Webline Holdings LLC
Wico, LLC
Wireless Backhaul Infrastructure, LLC
Wireless Infrastructure Partners, LLC
Wireless Internet Work II.
Wireless Internetwork LLC
World Class Wireless LLC
York County Dept of Emergency Services
Zen Networks, Inc
iSignal

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

The following section presents the data pertinent to frequency coordination of the proposed 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: 01/16/2013
Job Number: 130109CCOMSJC11

Administrative Information

Status TEMPORARY (Operation from 01/26/2013 to 03/15/2013)
Call Sign TEMP03
Licensee Code INTELS
Licensee Name Intelsat License LLC

Site Information

Venue Name **HAGERSTOWN, MARYLAND**
Latitude (NAD 83) 39° 35' 54.0" N
Longitude (NAD 83) 77° 45' 35.0" W
Climate Zone A
Rain Zone 2
Ground Elevation (AMSL) 173.74 m / 570.0 ft

Link Information

Satellite Type Geostationary
Mode TO - Transmit-Only
Modulation Digital
Satellite Arc 6° W to 149° West Longitude
Azimuth Range 101.9° to 257.8°
Corresponding Elevation Angles 5.3° / 5.7°
Antenna Centerline (AGL) 5.79 m / 19.0 ft

Antenna Information

	Transmit
Manufacturer	TIW
Model	9 Meter
Gain / Diameter	53.5 dBi / 9.0 m
3-dB / 15-dB Beamwidth	0.36° / 0.67°

Max Available RF Power (dBW/4 KHz) 7.2
(dBW/MHz) 31.2

Maximum EIRP (dBW/4 KHz) 60.7
(dBW/MHz) 84.7
(dBW) 84.0

Interference Objectives: Long Term -154.0 dBW/4 KHz 20%
Short Term -131.0 dBW/4 KHz 0.0025%

Frequency Information

Emission / Frequency Range (MHz) **Transmit 6.1 GHz**
850KF XD / 5925.5
850KF XD / 6424.5

Max Great Circle Coordination Distance 507.1 km / 315.0 mi
Precipitation Scatter Contour Radius 431.6 km / 268.1 mi

COMSEARCH
Earth Station Data Sheet
 19700 Janelia Farm Boulevard, Ashburn, VA 20147
 (703)726-5500 <http://www.comsearch.com>

Coordination Values		HAGERSTOWN, MD	
Licensee Name		IntelSat License LLC	
Latitude (NAD 83)		39° 35' 54.0" N	
Longitude (NAD 83)		77° 45' 35.0" W	
Ground Elevation (AMSL)		173.74 m / 570.0 ft	
Antenna Centerline (AGL)		5.79 m / 19.0 ft	
Antenna Model		TIW 9 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		7.2 (dBW/4 KHz)	

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
0	0.00	101.81	-10.00	207.10
5	0.00	96.84	-10.00	207.10
10	0.00	91.86	-10.00	207.10
15	0.00	86.88	-10.00	207.10
20	0.00	81.90	-10.00	207.10
25	0.00	76.92	-10.00	207.10
30	0.00	71.95	-10.00	207.10
35	0.00	66.97	-10.00	207.10
40	0.00	62.00	-10.00	207.10
45	0.00	57.03	-10.00	207.10
50	0.00	52.06	-10.00	207.10
55	0.00	47.09	-9.82	207.79
60	0.00	42.14	-8.62	212.59
65	0.00	37.19	-7.26	218.19
70	0.00	32.26	-5.72	224.84
75	0.00	27.34	-3.92	232.91
80	0.00	22.47	-1.79	243.02
85	0.00	17.65	0.83	255.60
90	0.00	12.98	4.17	274.11
95	0.00	8.66	8.56	301.31
100	0.00	5.61	13.27	507.05
105	0.00	6.15	12.28	371.03
110	0.00	9.60	7.45	294.11
115	0.00	13.27	3.93	272.70
120	0.00	16.89	1.31	258.14
125	0.00	20.41	-0.75	248.15
130	0.00	23.83	-2.43	239.94
135	0.00	27.11	-3.83	233.34
140	0.00	30.23	-5.01	227.97
145	0.00	33.14	-6.01	223.55
150	0.00	35.82	-6.85	219.92
155	0.00	38.20	-7.55	216.96
160	0.00	40.26	-8.12	214.61
165	0.00	41.93	-8.56	212.81
170	0.00	43.16	-8.88	211.54
175	0.00	43.92	-9.07	210.78
180	0.00	44.18	-9.13	210.53
185	0.00	43.92	-9.07	210.78

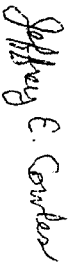
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 (703)726-5500 <http://www.comsearch.com>

Coordination Values		HAGERSTOWN, MD	
Licensee Name		Intelsat License LLC	
Latitude (NAD 83)		39° 35' 54.0" N	
Longitude (NAD 83)		77° 45' 35.0" W	
Ground Elevation (AMSL)		173.74 m / 570.0 ft	
Antenna Centerline (AGL)		5.79 m / 19.0 ft	
Antenna Model		TIW 9 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		7.2 (dBW/4 KHz)	

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
190	0.00	43.16	-8.88	211.54
195	0.00	41.93	-8.56	212.81
200	0.00	40.26	-8.12	214.61
205	0.00	38.20	-7.55	216.96
210	0.00	35.81	-6.85	219.92
215	0.00	33.14	-6.01	223.55
220	0.00	30.22	-5.01	227.97
225	0.00	27.11	-3.83	233.34
230	0.00	23.83	-2.43	239.93
235	0.00	20.42	-0.75	248.14
240	0.00	16.89	1.31	258.16
245	0.00	13.28	3.92	272.68
250	0.00	9.59	7.46	294.19
255	0.00	6.33	11.96	378.50
260	0.00	6.11	12.35	489.18
265	0.00	9.18	7.93	297.19
270	0.00	13.46	3.77	271.82
275	0.00	18.11	0.55	254.16
280	0.00	22.90	-2.00	242.02
285	0.00	27.76	-4.09	232.16
290	0.00	32.66	-5.85	224.24
295	0.00	37.59	-7.38	217.70
300	0.00	42.53	-8.72	212.18
305	0.00	47.48	-9.91	207.44
310	0.00	52.44	-10.00	207.10
315	0.00	57.40	-10.00	207.10
320	0.00	62.37	-10.00	207.10
325	0.00	67.34	-10.00	207.10
330	0.00	72.31	-10.00	207.10
335	0.00	77.28	-10.00	207.10
340	0.00	82.26	-10.00	207.10
345	0.00	87.23	-10.00	207.10
350	0.00	92.21	-10.00	207.10
355	0.00	97.18	-10.00	207.10

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.



Jeffrey E. Cowles
Engineer III, Telecommunications
COMSEARCH
19700 Janella Farm Blvd.
Ashburn, Va. 20147

DATED: January 16, 2013

January 17, 2013

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



Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station E000296

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days commencing January 28, 2013 to use its Hagerstown, Maryland C-band earth station -- call sign E000296 -- to provide launch and early orbit phase (“LEOP”) services for the Intelsat 27 satellite that is expected to be launched on January 28, 2013.² The LEOP period is expected to last approximately 17 days.³

The Intelsat 27 LEOP operations will be performed in the following frequency bands:

Uplink: 6424.5 MHz (LHCP) and 5925.5 MHz (HD); and
Downlink: 3701.25 MHz, 3701.75 MHz, 3702.25 MHz, and 3702.75 MHz (V and LHCP).

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites

¹ Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² The satellite’s permanent orbital location will be 55.5° W.L. *See Policy Branch Information: Actions Taken*, Report No. SAT-00904, File No. SAT-LOA-20110610-00105 (Oct. 12, 2012) (Public Notice). The FCC’s order granting the Intelsat 27 license prohibits Intelsat from operating the UHF payload without further order from the FCC. *See id.*, Condition # 4. Intelsat 27’s C- and Ku-band payloads will be in-orbit tested at 51.5° E.L. *See Intelsat License LLC Request for Special Temporary Authority*, File No. SAT-STA-20121130-00204 (filed Nov. 30, 2012). The satellite’s UHF payload will be tested at 55.5° W.L., subject to receipt of FCC approval.

³ Intelsat is seeking authority for 30 days to accommodate a possible launch delay.

⁴ Boeing Satellite Systems, Inc., which is the LEOP mission manager for Intelsat 27, will handle the coordination.

Ms. Marlene H. Dortch
January 17, 2013
Page 2

in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the Intelsat 27 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)
(310) 525-5900 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat is attaching Exhibit A, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

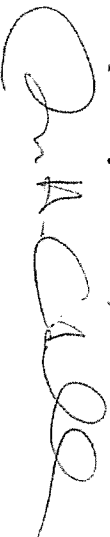
Intelsat also notes that for purposes of the Intelsat 27 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a higher power level of 32.6 dBW because that is the level at which Intelsat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Grant of this STA request will allow Intelsat to help launch the Intelsat 27 satellite. This, in turn, will serve the public interest by providing replacement and new capacity at the satellite's permanent location of 55.5° W.L.

Ms. Marlene H. Dortch
January 17, 2013
Page 3

Please direct any questions regarding this STA request to the undersigned at
(202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is written in a cursive style with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais