


Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Re-license call sign E020321

1. Applicant

Name:	Westar Satellite Services LP	Phone Number:	972-291-6000
DBA Name:		Fax Number:	
Street:	777 Westar Lane	E-Mail:	ccole@westarsat.com
City:	Cedar Hill	State:	TX
Country:	USA	Zipcode:	75104
Attention:	Richard A Duke		-



**GRANTED**  
International Bureau

File # SES-STA-20180912-02711  
Call Sign E020321 Grant Date 9-26-18  
(or other identifier)  
Term Dates From: 9-26-18 To: 11-25-18  
Approved: [Signature]

<b>2. Contact</b>			
<b>Name:</b>	Charles Cole	<b>Phone Number:</b>	972-460-4480
<b>Company:</b>	Westar Satellite Services LP	<b>Fax Number:</b>	
<b>Street:</b>	777 Westar Lane	<b>E-Mail:</b>	ccole@westarsat.com
<b>City:</b>	Cedar Hill	<b>State:</b>	TX
<b>Country:</b>	USA	<b>Zipcode:</b>	75104 -
<b>Attention:</b>		<b>Relationship:</b>	
(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 IB2018005691			
4a. Is a fee submitted with this application?			
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).			
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee <input type="radio"/> Other (please explain):			
4b. Fee Classification    CGX – Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other			
6. Requested Use Prior Date 09/15/2018			
7. City Cedar Hill			
8. Latitude (dd mm ss.s h)    32    34    42.0    N			

9. State TX	10. Longitude (dd mm ss.s h) 96 58 56.0 W
11. Please supply any need attachments. Attachment 1: E020321 Closed Attachment 2: E020321 Application Attachment 3: 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; min-height: 100px;"> Temporary Authorization prior to applying for re-license of E020321 </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. <div style="text-align: right;"> Yes <input checked="" type="radio"/> No <input type="radio"/> </div>	
14. Name of Person Signing Charles Cole	15. Title of Person Signing Director of Broadcast Operations
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](mailto: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.**

Applicant: Westar Satellite Services LP  
Call Sign: E020321  
File No.: SES-STA-20180912-02711  
Special Temporary Authority

Westar Satellite Services LP is granted Special Temporary Authority to operate its fixed earth station located in Cedar Hill, TX for 60 days on frequency bands 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) with the Galaxy 16 satellite (Call Sign S2687) at the 99° W orbital location under the following conditions:

1. Operations with the 6.1 m Vertex Communications, model C61KDFRL1 antenna at geographic coordinates 32°34'42"N, 96°58'56"W (NAD-83), emission designator 36M0G1F, total maximum eirp for all carriers of 76.13 dBW.
2. Operations under this authority are on a non-interference basis only.
3. Operations under this authority are on a non-protected basis only.
4. In the event that there is a report of interference, Westar Satellite Services LP must immediately terminate transmissions and notify the FCC in writing.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding the pending FCC IBFS File Number SES-LIC-20180912-02710.
6. Any action taken or expense incurred as a result of Special Temporary Authority operations is solely at Westar Satellite Services LP's risk.
7. Grant of this authorization is without prejudice to any future FCC enforcement action in connection with any unauthorized operation of radio facilities.

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.



File # SES-STA-20180912-02711  
Call Sign E020321 Grant Date 9-26-18  
(or other identifier)  
Term Dates  
From: 9-26-18 To: 11-25-18  
Approved: Paul E. Blair

Approved by OMB  
3060-0678

Date & Time Filed: Sep 12 2018 10:13:42:480AM

File Number: SES-LIC-INTR2018-05691

Callsign/Satellite ID:

## APPLICATION FOR EARTH STATION AUTHORIZATIONS

FCC 312 MAIN FORM  
FOR OFFICIAL USE ONLY

FCC Use Only

### APPLICANT INFORMATION

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

Re-License call sign 020321

#### 1-8. Legal Name of Applicant

Name: Westar Satellite Services LP Phone Number: 972-291-6000  
DBA Name: Fax Number:  
Street: 777 Westar Lane E-Mail: ccole@westarsat.com  
City: Cedar Hill State: TX  
Country: USA Zipcode: 75104 -  
Attention: Richard A Duke

#### 9-16. Name of Contact Representative

Name: Charles Cole Phone Number: 972-460-4480  
Company: Westar Satellite Services LP Fax Number:  
Street: 777 Westar Lane E-Mail: ccole@westarsat.com  
City: Cedar Hill State: TX  
Country: USA Zipcode: 75104-  
Attention: Relationship:

### CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

a.

- ☒ a1. Earth Station  
(N/A) a2. Space Station

b.

- ☒ b1. Application for License of New Station  
☒ b2. Application for Registration of New Domestic Receive-Only Station  
(N/A) b3. Amendment to a Pending Application  
(N/A) b4. Modification of License or Registration  
(N/A) b5. Assignment of License or Registration  
(N/A) b6. Transfer of Control of License or Registration  
(N/A) b7. Notification of Minor Modification  
(N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite  
(N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States  
☐ b10. Other (Please specify)  
☐ b11. Application for Earth Station to Access a Non-U.S. satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States.

17c. 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):

17d.

Fee Classification BAX - Fixed Satellite Transmit/Receive Earth Station

18. If this filing is in reference to an existing station, enter:

(a) Call sign of station:  
Not Applicable

19. If this filing is an amendment to a pending application enter:

(a) Date pending application was filed:

(b) File number of pending application:

Not Applicable

Not Applicable

### TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:

- ☒ a. Fixed Satellite  
☐ b. Mobile Satellite  
☐ c. Radiodetermination Satellite  
☐ d. Earth Exploration Satellite  
☐ e. Direct to Home Fixed Satellite  
☐ f. Digital Audio Radio Service  
☐ g. Other (please specify)

21. STATUS: Choose the button next to the applicable status.  
Choose only one.

☐ Common Carrier ☒ Non-Common Carrier

22. If earth station applicant, check all that apply.

☒ Using U.S. licensed satellites

☒ Using Non-U.S. licensed satellites

23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one.  
Are these facilities:

☐ Connected to a Public Switched Network ☒ Not connected to a Public Switched Network ☐ N/A

24. FREQUENCY BAND(S): Place an "X" in the box(es) next to all applicable frequency band(s).

- ☒ a. C-Band (4/6 GHz) ☐ b. Ku-Band (12/14 GHz)  
☐ c. Other (Please specify upper and lower frequencies in MHz.)

Frequency Lower: Frequency Upper:

### TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

- ☐ a. Fixed Earth Station  
☐ b. Temporary-Fixed Earth Station  
☐ c. 12/14 GHz VSAT Network  
☐ d. Mobile Earth Station  
(N/A) e. Geostationary Space Station  
(N/A) f. Non-Geostationary Space Station  
☐ g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY: Choose only one.

☒ Transmit/Receive ☐ Transmit-Only ☐ Receive-Only ☐ N/A

### PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

Not Applicable

### ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. §§ 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.

☐ Yes ☒ No

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical

en route or aeronautical fixed radio station services are not required to respond to Items 30-34.

29. Is the applicant a foreign government or the representative of any foreign government?	<input type="radio"/> Yes <input checked="" type="radio"/> No
30. Is the applicant an alien or the representative of an alien?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.	

### BASIC QUALIFICATIONS

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.	<input type="radio"/> Yes <input checked="" type="radio"/> No
36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explanation of circumstances.	<input type="radio"/> Yes <input checked="" type="radio"/> No
37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of circumstances.	<input type="radio"/> Yes <input checked="" type="radio"/> No
38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances.	<input type="radio"/> Yes <input checked="" type="radio"/> No
39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhibit, an explanation of the circumstances.	<input type="radio"/> Yes <input checked="" type="radio"/> No
40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.	
41. 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. <i>See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.</i>	
42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.	
42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station?	
43. Description. (Summarize the nature of the application and the services to be provided). Re-Licensing of call sign E020321. No changes have been made to previous system.E020321	



**43a. Geographic Service Rule Certification**☒ A

By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25.

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements. ☐ B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached. ☐ C

**CERTIFICATION**

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- ☐ Individual
- ☐ Unincorporated Association
- ☒ Partnership
- ☐ Corporation
- ☐ Governmental Entity
- ☐ Other (please specify)

45. Name of Person Signing  
Charles Cole

46. Title of Person Signing  
Director of Broadcast Operations

47. Please supply any need attachments.

Attachment 1:

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).**

**SATELLITE EARTH STATION AUTHORIZATIONS  
FCC Form 312 - Schedule B:(Technical and Operational Description)**

**FOR OFFICIAL USE ONLY**

**Location of Earth Station Site**

E1: Site Identifier:	Cedar Hill	E5. Call Sign:	E020321
E2: Contact Name	Charles Cole	E6. Phone Number:	972-460-4480
E3. Street:	777 Westar Lane	E7. City:	Cedar Hill
		E8. County:	Dallas
E4. State	TX	E9. Zip Code	75104
E10. Area of Operation:			North America

E11. Latitude:	32 ° 34 ' 42.0 " N
E12. Longitude:	96 ° 58 ' 56.0 " W
E13. Lat/Lon Coordinates are:	<input checked="" type="radio"/> NAD-27 <input checked="" type="radio"/> NAD-83 <input type="radio"/> N/A
E14. Site Elevation (AMSL):	207.6 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	<input type="radio"/> Yes <input checked="" type="radio"/> No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as	<input type="radio"/> Yes <input checked="" type="radio"/> No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	<input type="radio"/> Yes <input checked="" type="radio"/> No
E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard of the structure to aviation? <b>FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No

## POINTS OF COMMUNICATION

Satellite Name: GALAXY 16 (S2687)   GALAXY 16   99 W.L. If you selected OTHER, please enter the following:	
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:

## POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: Cedar Hill	
E26. Common Name:	E27. Country: USA

## ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size	E41/42. Antenna Gain Transmitt and/or Recieve(____dBi at ____GHz)
Cedar Hill	AC14	1	Vertex Communications	C61KDFRL1	6.1	49.7 dBi at 6.0

E28. Antenna Id	E33/34. Diameter Minor/Major(meters)	E35. Above Ground Level (meters)	E36. Above Sea Level (meters)	E37. Building Height Above Ground Level (meters)	E38. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for al carriers (dBW)
AC14	0.0/0.0	3.65	134.8	0.0	500.0	0.0	76.13

## FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands(MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier(dBW)	E49. Maximum EIRP Density per Carrier(dBW/4kHz)

AC14	3700.0000 4200.0000	R	Horizontal and Vertical	36M0G1F	0.0	0.0
E50. Modulation and Services Digital TV						
AC14	5925.0000 6425.0000	T	Horizontal and Vertical	36M0G1F	63.59	36.59
E50. Modulation and Services Digital TV						

**FREQUENCY COORDINATION**

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon(dBW/4kHz)
AC14	Geostationary	3700 4200	37.0/ 143.0	107.3	16.6	242.5	28.2	0.0
	Geostationary	5925.0000 6425.00	37.0/ 143.0	107.3	16.6	242.5	28.2	-17.2

**REMOTE CONTROL POINT LOCATION****REMOTE CONTROL POINT LOCATION**

E61. Call Sign  NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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