

E010074

SES-STA-20111019-01242

Clear Channel Satellite Services

IB2011004627

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:  
STA Application 8\_19\_11

1. Applicant

<b>Name:</b>	Clear Channel Satellite Services	<b>Phone Number:</b>	303-925-1708
<b>DBA Name:</b>		<b>Fax Number:</b>	303-925-1714
<b>Street:</b>	76 Inverness Dr. East Suite B	<b>E-Mail:</b>	lizkarr@clearchannel.com
<b>City:</b>	Englewood	<b>State:</b>	CO
<b>Country:</b>	USA	<b>Zipcode:</b>	80112
<b>Attention:</b>	Mrs Liz Karr		

SES-STA 20111019-01242  
E010074  
Call Sign (or other identifier) N40010  
From b-27-11 10-27-11  
Term Dates 12-26-11  
Approved Paul E. Glass  
with conditions



FEDERAL COMMUNICATIONS COMMISSION  
COMMUNICATIONS DIVISION  
WASHINGTON, DC 20541

Clear Channel Satellite Services  
E010074  
SES-STA-20111019-01242

Clear Channel Satellite Services is granted, under the following conditions, Special Temporary Authority (STA) for 60 days operation:

1. Clear Channel Satellite Services will continue to comply with the terms of its prior license, which was fully coordinated with other authorized users.
2. No harmful interference can be caused to any lawfully operating satellite network or radio communication system and Clear Channel Satellite Services operations must cease immediately upon notification of harmful interference. Further, Clear Channel Satellite Services shall notify the Commission in writing that it has received such a notification within 14 days of receipt.
3. Pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62, continued operation of this station under previously granted STA SES-STA-20110823-00996 with grant date of August 24, 2011 continued in effect until grant of this authorization.

SES-STA-20111019-01242

E010074

Call Sign \_\_\_\_\_ Grant Date 10-27-11

(or other identifier)

Term Dates From 10-27-11 To 12-26-11

Approved: *Paul E. Hays*

COMMUNICATIONS COMMISSION

GRANTED

International Bureau

<b>2. Contact</b>	
<b>Name:</b>	Clear Channel Satellite Services <b>Phone Number:</b> 303-925-1708
<b>Company:</b>	<b>Fax Number:</b> 303-925-1714
<b>Street:</b>	<b>E-Mail:</b> lizkarr@clearchannel.com
76 Inverness Dr. East Suite B	
<b>City:</b> Englewood	<b>State:</b> CO
<b>Country:</b> USA	<b>Zipcode:</b> 80112 -
<b>Attention:</b> Liz Karr	<b>Relationship:</b> Same
(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 IB2011004626	
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	
10/19/2011	
7. City Englewood	
8. Latitude (dd mm ss.s h)    39    34    47.0    N	

9. State CO	10. Longitude (dd mm ss.s h) 104 51 35.0 W
11. Please supply any need attachments. Attachment 1: Existing License      Attachment 2: Current STA      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.) Clear Channel Satellite Services requests an extension of special temporary authority for 60 days to continue operating the C-Band antennas that were licensed under expired call sign E010074 and SES-STA-20110823-00996 pending submission of and Commission action on an application for a new license for the facility (application submitted 10/19/2011).	
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 <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Liz Karr	15. Title of Person Signing Office Manager
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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**UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
RADIO STATION AUTHORIZATION**

Name: CLEAR CHANNEL SATELLITE SERVICES

Call Sign: E010074

Authorization Type: Modification of License

File Number: SES-MOD-20060420-00694

Non Common Carrier

Grant Date: 07/11/2006

Expiration Date: 05/07/2011

Nature of Service: Domestic Fixed Satellite Service

Nature of Service: Fixed Satellite Service

Class of Station: Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	76 INVERNESS DR. E. SUITE B (CCSS INV 6.1A) ENGLEWOOD, ARAPAHOE, CO 80112	39°34'47.0"N	104°51'35.0"W	1751	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
2)	2	76 INVERNESS DR. E. SUITE B (INV 3.7150) ENGLEWOOD, ARAPAHOE, CO 80112	39°34'47.0"N	104°51'35.0"W	1751	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning May 7, 2001 (3 AM Eastern Standard Time) and ending May 7, 2011 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is July 11, 2007 (3 AM Eastern Standard Time) . Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

**B) Particulars of Operations**

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	5925.0000-6425.0000	H, V	22M5G7W	Tx	65.80	28.30	INV 3.7150		QPSK
2)	3700.0000-4200.0000	H, V	22M5G7W	Rx			INV 3.7150		QPSK
3)	5925.0000-6425.0000	H, V	11M1G1E	Tx	68.50	34.00	INV 6.1 A		QPSK
4)	3700.0000-4200.0000	H, V	11M1G1E	Rx			INV 6.1 A		QPSK





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Non Common Carrier

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**C) Frequency Coordination Limits**

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	5925.0000-6425.0000	60.0W	-143.0W	25.6	-29.7	122.8	-231.4	-3.22	INV 6.1 A
2)	3700.0000-4200.0000	60.0W	-143.0W	25.6	-29.7	122.8	-231.4		INV 6.1 A
3)	5925.0000-6425.0000	60.0W	-143.0W	25.6	-29.7	122.8	-231.4	-4.82	INV 3.7150
4)	3700.0000-4200.0000	60.0W	-143.0W	25.6	-29.7	122.8	-231.4		INV 3.7150

**D) Points of Communications**

The following stations located in the Satellite orbits consistent with Sections B and C of this License:

- 1) 1 to All authorized U.S. Domestic (ALSAT) Satellites.
- 2) 2 to All authorized U.S. Domestic (ALSAT) Satellites.

**E) Antenna Facilities**

Site/Elevation: 1751 (Meters) AMSL

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
2	INV 3.7150	3	3.7	SUMAN	SMT3.7R	2 AGL/ 1756 AMSL	
Max Gains(s): 41.7 dBi @ 4.0000 GHz 45.5 dBi @ 6.0000 GHz Maximum total input power at antenna flange (Watts) = 150.00 Maximum aggregate output EIRP for all carriers (dBW) = 66.50							
1	INV 6.1 A	1	6	VIASAT	8060	6.6 AGL/ 1758 AMSL	
Max Gains(s): 46.0 dBi @ 4.0000 GHz 49.8 dBi @ 6.0000 GHz Maximum total input power at antenna flange (Watts) = 398.00 Maximum aggregate output EIRP for all carriers (dBW) = 75.40							

**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions





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Non Common Carrier

Grant Date: 07/11/2006

Expiration Date: 05/07/2011

## H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 1010 --- Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.
- 1900 --- Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.
- 2010 --- This authorization is issued pursuant to the Commission's Second Report and Order adopted June 16, 1972 (35 FCC 2d 844) and Memorandum, Opinion and Order adopted December 21, 1972 (38 FCC 2d 665) in Docket No. 16495 and is subject to the policies adopted in that proceeding.
- 2810 --- The grantee shall maintain on file with the Commission's current list or plan of the precise frequencies in actual use at this station, specifying for each such frequency: the r.f. center frequency, polarization, emission designator, EIRP (dBW), EIRP density (dBW/4kHz), and receiving earth station(s). This list or plan may be submitted either on a station-by-station basis or on a system-wide basis, and shall be updated within seven days of any changes in frequency usage at this station. Temporary usage of frequencies for periods of less than seven days need not be notified to the Commission if accurate station records are maintained of the times and particulars of such temporary frequency usage.
- 2916 --- Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
- 2938 --- Upon completion of construction, each licensee must file with the Commission a certification including the following information: name of the licensee, file number of the application, call sign of the antenna, date of the license and certification that the facility as authorized has been completed, that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209 and that the station is operational including the date of commencement of service and will remain operational during the license period unless the license is submitted for cancellation.
- 3219 --- All existing transmitting facilities, operations and devices regulated by the Commission must be in compliance with the Commission's radiofrequency (RF) exposure guidelines, pursuant to Section 1.1307(b)(1) through (b)(3) of the Commission's rules, or if not in compliance, file an Environmental Assessment (EA) as specified in Section 1.1311. See 47 CFR 1.1307 (b) (5).
- 5208 --- The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.





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**RADIO STATION AUTHORIZATION**

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Call Sign: E010074

Authorization Type: Modification of License

File Number: SES-MOD-20060420-00694

Non Common Carrier

Grant Date: 07/11/2006

Expiration Date: 05/07/2011

## H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

5216 --- All operations shall be on a non-common carrier basis.

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station is not ready for operation by the required date of completion of construction unless an application for modification of authorization to request additional time to complete construction is filed by that date, together with a showing that failure to complete construction by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.

## STA REQUEST

Clear Channel Satellite Services ("Clear Channel") hereby requests special temporary authority ("STA") for a period of 60 days to continue to operate a C-band earth station previously licensed under call sign E010074. Clear Channel recently discovered that the license expired in May without a timely renewal application having been filed. Clear Channel is preparing an application for a new license to replace the expired authorization and requests STA pending submission of and Commission action on the new license application. Grant of the requested STA will serve the public interest by permitting Clear Channel to continue to provide its customers with a broad range of important telecommunications services, including services that support emergency alert notifications and distribution of news and other programming to thousands of radio stations nationwide.

Under call sign E010074, Clear Channel was authorized to operate two C-band antennas located in Englewood, Colorado.<sup>1</sup> During a recent internal review, Clear Channel discovered that the E010074 license had expired May 7, 2011, and that no renewal application for the license had been filed. Upon becoming aware of this oversight, Clear Channel took immediate steps to rectify the situation by contacting its FCC counsel, consulting with the FCC staff, and beginning work to prepare and file a new application for licensing of the C-band earth station, including obtaining the required coordination report.

Clear Channel seeks STA pending action on the new license application in order to authorize Clear Channel to provide service continuity to customers that rely on this C-band facility. This earth station is used as part of the Clear Channel network of satellite facilities that distributes programming to more than two thousand radio stations around the country. This programming includes weather reports and news regarding significant local, regional, and national developments. In addition, the facility supports an Emergency Alert System covering parts of the central U.S.

Grant of the requested authority will not adversely affect any other party. Clear Channel will continue to comply with the terms of its prior license, which was fully coordinated with other authorized users.

For the foregoing reasons, Clear Channel respectfully requests special temporary authority pending the filing of and Commission action on the application for a replacement license for this earth station facility.

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<sup>1</sup> See Call Sign E010074, File No. SES-MOD-20060420-00694 (granted July 11, 2006).

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

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

STA 8\_23\_11

1. Applicant

Name:	Clear Channel Satellite Services	Phone Number:	303-925-1708
DBA Name:		Fax Number:	303-925-1714
Street:	76 Inverness Dr. East Suite B	E-Mail:	lizkarr@clearchannel.com
City:	Englewood	State:	CO
Country:	USA	Zipcode:	80112
Attention:	Mrs Liz Karr		



COMM-FED

916600-20110823-00996

Call Sign  
(or other identifier)

Transmit

From

Appr

Paul E. Blair

<b>2. Contact</b>			
<b>Name:</b>	Clear Channel Satellite Services	<b>Phone Number:</b>	303-925-1708
<b>Company:</b>		<b>Fax Number:</b>	303-925-1714
<b>Street:</b>	76 Inverness Dr. East Suite B	<b>E-Mail:</b>	lizkarr@clearchannel.com
<b>City:</b>	Englewood	<b>State:</b>	CO
<b>Country:</b>	USA	<b>Zipcode:</b>	80112 -
<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.)			
<b>3. Reference File Number or Submission ID</b>			
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):			
<b>4b. Fee Classification</b> CGX - Fixed Satellite Transmit/Receive Earth Station			
<b>5. Type Request</b>			
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other			
<b>6. Requested Use Prior Date</b>			
08/23/2011			
<b>7. City</b> Englewood			
<b>8. Latitude</b> (dd mm ss.s h) 39 34 47.0 N			

9. State CO	10. Longitude (dd mm ss.s h) 104 51 35.0 W
11. Please supply any need attachments. Attachment 1: Existing License      Attachment 2: STA Request      Attachment 3:	
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14. Name of Person Signing Liz Karr	15. Title of Person Signing Office Manager
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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