

E120070 SES-STA-20120507-00422 IB2012001177
CoverEdge, Inc.

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:
CoverEDGE Temporary-Fixed Earth Station STA 3

I. Applicant

Name:	CoverEdge, Inc.	Phone Number:	702-795-3343
DBA Name:		Fax Number:	702-795-3828
Street:	P. O. Box 14925	E-Mail:	engineering@coveredge.com
City:	Las Vegas	State:	NV
Country:	USA	Zipcode:	89114 -
Attention:	Mr. Richard Travis		

With Conditions

File # SES-STA-20120507-00422

Call Sign E120070 Grant Date 5/17/2012
(or other identifier)

Term Dates
From 5/17/2012 To: 7/7/2012

Approved: Michael E. Hiller



Conditions:

Applicant: CoverEdge, Inc.,

File Number: SES-STA-20120507-00422

Call Sign: E120070

CoverEdge, Inc. [CoverEdge] is granted, under the following conditions, Special Temporary Authority for 60 days, from 05/10/2012 through 07/07/2012, to operate a transmit only, temporary fixed earth station with ALSAT over a 2.4 m Andrew Corporation antenna, model ESA24VSM-KU within the conventional Ku-band¹ within emission designator at a maximum Equivalent Isotropically Radiated Power (EIRP) density of 36.8 dBW/4kHz and within emission designator 36M0G7W at a maximum EIRP density of 32.3 dBW/4kHz based on the following conditions:

1. Operations under this authority are on a non-interference basis only.
2. In the event that there is a report of interference, CoverEdge must immediately terminate transmissions and notify the FCC in writing.
3. This request is granted without prejudice to any future FCC enforcement action in connection with any unauthorized operation of radio facilities.
4. All operations shall be on a non-common carrier basis.
5. The licensee shall take extraordinary measures to ensure that the antenna does not create the potential for exposure of persons who may be within the immediate vicinity to radiofrequency radiation in excess of FCC safety guideline to prevent human exposure in excess of the FCC-specified safety limit of 1 mW/cm². Warning signs, such as those discussed in the FCC's OET Bulletin 65, shall be posted informing members of the public to keep outside the exposure area that exceeds limit.
6. 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.



File # SES STA 2012 0507 00422

Call Sign E120070 Grant Date 5/7/2012
(or other identifier)

Term Dates
From 5/10/2012 To: 7/7/2012

Approved: Paul E. Baker

¹ Conventional Ku band uplink is 14000-14500 MHz frequency band.

2. Contact	
Name: CoverEdge, Inc.	Phone Number: 702-795-3343
Company: P. O. Box 14925	Fax Number: 702-795-3828
Street: Las Vegas	E-Mail: engineering@coveredge.com
City: USA	State: NV
Country: Mr. Tracey L. Frohn	Zipcode: 89114
Attention:	Relationship: Engineer
(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 SESLIC2012042300382 or Submission ID	
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	
05/10/2012	
7. City Various	
8. Latitude	
(dd mm ss.s h) 0 0 0.0	

9. State	10. Longitude (dd mm ss.s h) 0 0 0.0
11. Please supply any need attachments. Attachment 1: Pub. Benefit Letter Attachment 2: Form312Schedule B_1 Attachment 3: Form312Schedule B_2	
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.) CoverEDGE, Inc. is requesting a minimum 60 day Special Temporary Authorization to continue operating a KU Band Temporary-Fixed Earth Station while we await the granting of our Permanent License (File# SES-LIC-20120423-00382). We have been successfully operating under SES-STA-20120406-00342 since 4/9/2012 and SES-STA-20120329-00318 prior to that (4/3-	
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 Tracey L. Frohn	15. Title of Person Signing Chief Engineer
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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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.

12. Description

CoverEDGE, Inc. is requesting a minimum 60 day Special Temporary Authorization to continue operating a KU Band Temporary-Fixed Earth Station while we await the granting of our Permanent License (File# SES-LIC-20120423-00382). We have been successfully operating under SES-STA-20120406-00342 since 4/9/2012 and SES-STA-20120329-00318 prior to that (4/3-5/2012).



800.822.NEWS
www.coveredge.com

EDGECENTRAL - BOOKINGS

4325 Dean Martin Drive
Suite #375
Las Vegas, NV 89103

800.822.NEWS Toll-Free
888.822.NEWS FAX

Accounts Payable /
Receivable

P. O. Box 14925
Las Vegas, NV 89114

COVEREDGE - LAS VEGAS

4325 Dean Martin Drive
Suite #375
Las Vegas, NV 89103

702.795.EDGE
702.795.3828 FAX

COVEREDGE - PHOENIX

4602 East University Drive
Suite #175
Phoenix, AZ 85034

602.266.EDGE
602.266.9050 FAX

COVEREDGE - SALT LAKE CITY

180 South 300 West
Suite #100
Salt Lake City, UT 84101

801.521.EDGE
801.363.2378 FAX

COVEREDGE - SAN DIEGO

315 Market Street
San Diego, CA 92101

619.702.EDGE
619.702.3130 FAX

TO: Paul Blais FCC

5/7/2012

RE: CoverEDGE, Inc.

Application for Special Temporary Authorization to continue
operating a KU Band Temporary-Fixed Earth Station.

Dear Sir:

CoverEDGE, Inc. is requesting a minimum 60 day Special
Temporary Authorization to continue operating a KU Band Temporary-
Fixed Earth Station while we await the granting of our Permanent
License (File# SES-LIC-20120423-00382). We have been successfully
operating under SES-STA-20120406-00342 since 4/9/2012 and SES-
STA-20120329-00318 prior to that (4/3-5/2012).

CoverEDGE, Inc. has been providing Vyvx fiber, Camera, Audio,
Video Production and more recently Satellite Transmission Services to
Television Networks and Stations since 1982. In doing so, these services
have helped the Networks and Stations to get important information out
to the public in a timely fashion.

Being based in Las Vegas, NV, a 24/7 city, the Television
Networks have come to depend on us for services at a moments notice.
In addition, we serve a secondary backup role for several of the Local
Affiliate Stations in the case of breaking news.

We believe these services to be of benefit to the public by helping
to keep the them informed of Important Issues as well as Emergency
Situations they need to be aware of for their safety.

Sincerely,

Tracey L. Frohn

Chief Engineer, CoverEDGE, Inc.



Federal Communications Commission

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

FOR OFFICIAL USE ONLY
[INSTRUCTIONS]

1 copy of this form section exist.

SITE INFORMATION

E1: Site Identifier:	<input type="text" value="CoverEDGE, Inc."/>	E5: Call Sign:	<input type="text"/>
E2: Contact Name:	<input type="text" value="Tracey L. Frohn"/>	E6: Phone Number:	<input type="text" value="702-795-3343"/>
E3: Street:	<input type="text"/>	E7: City:	<input type="text"/>
	<input type="text"/>	E8: County:	<input type="text"/>
E4: Zipcode:	<input type="text"/>	E9: State:	<input type="text" value=""/>

NOTE: The address requested here is for the earth station location - not your mailing address.

E10: Area of Operation:

E11: Latitude ° ' " ↕ E12: Longitude ° ' " ↕

E13: Lat./Lon. Coordinates are: NAD-27 NAD-83 N/A

E14: Site Elevation (AMSL): 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 as a technical analysis showing compliance with two-degree spacing policy. Yes No 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? Yes No N/A

E17: Is the facility operated by remote control? If YES, provide the location and telephone number of the control point. Yes No

E18: Is frequency coordination required? If YES, attach a frequency coordination report as Yes No

E19: Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as Yes 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?

Yes No

FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.



Federal Communications Commission

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

FOR OFFICIAL USE ONLY
[INSTRUCTIONS]

1 copy of this form section exist.

POINTS OF COMMUNICATION

Site Identifier: CoverEDGE, Inc.

Satellite Name: If you selected OTHER, please enter the following:

E21: Common Name:

E22: ITU Name:

E23: Orbit Location:

E24: Country:

Destination Points

Reset

Add

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Validate

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

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POINTS OF COMMUNICATION (Destination Points)

E25: Site Identifier: CoverEDGE, Inc.

Satellite Name: PERMITTED LIST

E26: Common Name:

E27: Country:

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

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ANTENNA Site Identifier: CoverEDGE, Inc.

E28: Antenna ID:	<input type="text" value="1"/>	E29: Quantity:	<input type="text" value="1"/>
E30: Manufacturer:	<input type="text" value="Andrew Corporation"/>	E31: Model:	<input type="text" value="ESA24VSM-KU"/>
E32: Diameter (meters):	<input type="text" value="2.4"/>		
E33: Diameter Minor (meters):	<input type="text"/>		
E34: Diameter Major (meters):	<input type="text"/>		
E35: Maximum Antenna Height Above Ground Level (meters):	<input type="text" value="5.852"/>		
E36: Maximum Antenna Height Above Mean Sea Level (meters):	<input type="text"/>		
E37: Building Height Above Ground Level (meters):	<input type="text"/>		
E38: Total Power at Antenna Flange for All Carriers(Watts):	<input type="text" value="500.00"/>		
E39: Maximum Antenna Height Above Rooftop (meters):	<input type="text"/>		
E40: Total EIRP for All Carriers (dBW):	<input type="text" value="77.09"/>		



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

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1 copy of this form section exist.

ANTENNA GAIN
Site Identifier: CoverEDGE, Inc.
Antenna ID: 1

E41: Antenna Gain Transmit and/or Receive dBi at E42: GHz

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

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1 copy of this form section exist.

FREQUENCY
Site Identifier: 1
Antenna ID:1

E43: Frequency Lower (MHz) : E44: Frequency Upper (MHz) :

E45: T/R Mode:

E46: Polarization:

E47: Emission Designator:

E48: Maximum EIRP per Carrier (dBW):

E49: Maximum EIRP Density per Carrier (dBW):

E50: Modulation and Services:

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[INSTRUCTIONS]

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FREQUENCY COORD
Site Identifier: CoverEDGE, Inc.
Antenna ID: 1

E51: Satellite Orbit Type:	<input type="text" value="Geostationary"/>	↕
E52: Lower Frequency Limit:	<input type="text" value="14000.0000"/>	
E53: Upper Frequency Limit:	<input type="text" value="14500.0000"/>	
E54: Range of Satellite Arc Eastern Limit:	<input type="text" value="60.0"/>	<input type="text" value="W"/>
E55: Range of Satellite Arc Western Limit:	<input type="text" value="140.0"/>	<input type="text" value="W"/>
E56: Earth Station Azimuth Angle Eastern Limit:	<input type="text" value="142.9"/>	
E57: Antenna Elevation Angle Eastern Limit:	<input type="text" value="41.2"/>	
E58: Earth Station Azimuth Angle Western Limit:	<input type="text" value="248.5"/>	
E59: Antenna Elevation Angle Western Limit:	<input type="text" value="18.7"/>	
E60: Maximum EIRP Density toward the Horizon (dBW/4KHz):	<input type="text" value="-2.8"/>	



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SITE INFORMATION

E1: Site Identifier:	1	E5: Call Sign:	
E2: Contact Name:	Tracey L. Frohn	E6: Phone Number:	702-795-3343
E3: Street:		E7: City:	
		E8: County:	
E4: Zipcode:		E9: State:	

NOTE: The address requested here is for the earth station location - not your mailing address.

E10: Area of Operation: Various

E11: Latitude ° ' " E12: Longitude ° ' "

E13: Lat./Lon. Coordinates are: NAD-27 NAD-83 N/A

E14: Site Elevation (AMSL): 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 as a technical analysis showing compliance with two-degree spacing policy. Yes No 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? Yes No N/A

E17: Is the facility operated by remote control? If YES, provide the location and telephone number of the control point. Yes No

E18: Is frequency coordination required? If YES, attach a frequency coordination report as Yes No

E19: Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as Yes 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? Yes No

[Attachment](#)

**FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT
IN THE RETURN OF THIS APPLICATION.**

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POINTS OF COMMUNICATION

Site Identifier: 1

Satellite Name: ALSAT | ALL AUTHORIZED U.S. | ALSAT If you selected OTHER, please enter the following:

E21: Common Name:

E22: ITU Name:

E23: Orbit Location:

E24: Country: USA

Destination Points

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POINTS OF COMMUNICATION (Destination Points)

E25: Site Identifier: 1

Satellite Name: PERMITTED LIST

E26: Common Name:

E27: Country:USA

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ANTENNA Site Identifier: 1

E28: Antenna ID:	1	E29: Quantity:	1
E30: Manufacturer:	Andrew Corporation	E31: Model:	ESA24VSM-KU
E32: Diameter (meters):			2.4
E33: Diameter Minor (meters):			
E34: Diameter Major (meters):			
E35: Maximum Antenna Height Above Ground Level (meters):			5.852
E36: Maximum Antenna Height Above Mean Sea Level (meters):			
E37: Building Height Above Ground Level (meters):			
E38: Total Power at Antenna Flange for All Carriers(Watts):			500.00
E39: Maximum Antenna Height Above Rooftop (meters):			
E40: Total EIRP for All Carriers (dBW):			77.09

Antenna Gain

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ANTENNA GAIN
Site Identifier: 1
Antenna ID: 1

E41: Antenna Gain Transmit and/or Receive 50.1 dBi at E42: 14.2500 GHz

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FREQUENCY
Site Identifier: 1
Antenna ID:1

E43: Frequency Lower (MHz) : 14000.0000	E44: Frequency Upper (MHz) : 14500.000
E45: T/R Mode: T	E46: Polarization: Horizontal and Vertical
E47: Emission Designator:	36M0G7W
E48: Maximum EIRP per Carrier (dBW):	71.80
E49: Maximum EIRP Density per Carrier (dBW):	32.30
E50: Modulation and Services:	Digital Video With Associated Audio Subcarriers

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[INSTRUCTIONS]

1 copy of this form section exist.

FREQUENCY COORD

Site Identifier: 1

Antenna ID: 1

E51: Satellite Orbit Type:	G
E52: Lower Frequency Limit:	14000.0000
E53: Upper Frequency Limit:	14500.0000
E54: Range of Satellite Arc Eastern Limit:	60.0 W
E55: Range of Satellite Arc Western Limit:	140.0 W
E56: Earth Station Azimuth Angle Eastern Limit:	142.9
E57: Antenna Elevation Angle Eastern Limit:	41.2
E58: Earth Station Azimuth Angle Western Limit:	248.5
E59: Antenna Elevation Angle Western Limit:	18.7
E60: Maximum EIRP Density toward the Horizon (dBW/4KHz):	-2.8

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