

# Conventional License Application Form Screenshots

This is the UAT Version of ELS.  
Dashboard For Experimental Radio Station Authorization (Form 442)  
Please select one of the below links to start the process:

**Experimental License Types:**  
Conventional Experimental License  
Program Experimental License  
Medical Testing License  
Compliance Testing License

**Filing Options:**  
Form 405 - License Renewal  
Form 442 - New License/Modification of License  
Form 702 - Assignment of License  
Form 703 - Transfer of Control  
Special Temporary Authority  
Add Attachments  
Reply to Correspondence  
Amend/Complete Application  
Return to 159 Form  
File an Informal Objection

**Reports:**  
Application Status  
Call Sign Search  
Generic Search  
Point Radius Search

**Miscellaneous:**  
Get FRN  
ELS Notification Website  
User's Manual  
Get Software  
FAQ

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Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554  
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10:16 AM 3/4/2015

This is the UAT Version of ELS.  
Application For New or Modified Experimental Radio Station Authorization (Form 442)  
Use this form for experiments that will last longer than six months. Experiments of shorter duration should use the Special Temporary Authority Filing Option.

Enter the following information:

**Application Purpose:** \*

- New Authorization: All New Data
- New Authorization: Uses information from an existing application (i.e. - a template) Please specify the file number:
- Modification of Existing License (Specify call sign):

**Applicant FCC Registration Number (FRN):** \*

\* - Indicates that this field must be completed before this page can be submitted.

**Filing Options:**  
Form 405 - License Renewal  
Form 442 - New License/Modification of License  
Form 702 - Assignment of License  
Form 703 - Transfer of Control  
Special Temporary Authority  
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File an Informal Objection

**Reports:**  
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**Miscellaneous:**  
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ELS Notification Website

10:13 AM 3/3/2015

Log In x Executive Order -- P... x fcc els - Google Sear x hf frequency - Goog x OET Application for x els fcc - Google Sear x OET Experimental Li x

https://appsteststage.fcc.gov/oetcf/els/forms/442AdminPage.cfm

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**Federal Communications Commission**  
**Application For New FORM 442**  
Please enter the following information:

**Filing Options**

- [Form 405 - License Renewal](#)
- [Form 442 - New License/Modification of License](#)
- [Form 702 - Assignment of License](#)
- [Form 703 - Transfer of Control](#)
- [Special Temporary Authority](#)
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**Miscellaneous**

- [Get FRN](#)
- [FCC Modification Utility](#)

**Applicant Information**

1. Name of Applicant (Company): \*

2. Mailing Address:

Attention: \*

Street Address:

P.O. Box:

City: \*

State:

Zip Code:

Country (If not the United States):

E-mail Address: \*

**Application Purpose**

3(a). \* Application is for: NEW STATION

3(b). For Modification indicate below:

10:29 AM 3/3/2015

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**Miscellaneous**

- Get FRN
- ELS Notification Website
- User's Manual
- Get Software
- FAQ

**Application Purpose**

2(a). \* Application is for: NEW STATION

3(b). For Modification indicate below:  
File No:      Callsign:

**Questions**

4. \*  
Is this authorization to be used for fulfilling the requirement of a government contract with an agency of the United States Government? If "YES", include as an exhibit a narrative statement describing the government project, agency and contract number.  
 Yes  No

5. \*  
Is this authorization to be used for the exclusive purpose of developing radio equipment for export to be employed by stations under the jurisdiction of a foreign government? If "YES", include the contract number and the name of the foreign government concerned as an exhibit.  
 Yes  No

6. \*  
Is this authorization to be used for providing communications essential to a research project? (The radio communication is not the objective of the research project)? If "YES", include as an exhibit the following information:  
a. A description of the nature of the research project being conducted.  
b. A showing that the communications facilities requested are necessary for the research project.  
c. A showing that existing communications facilities are inadequate.  
 Yes  No

7. If all the answers to Items 4, 5, 6 are "NO", include as an exhibit a narrative statement describing in detail the following items:  
a. The complete program of research and experimentation proposed including description of equipment and theory of operation.  
b. The specific objectives sought to be accomplished.  
c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.

8. \*  
Give an estimate of the length of time that will be required to complete the program of experimentation proposed in this application:  in  Months

9. \*  
Would a commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environment impact? If "YES", include as an exhibit an Environmental Assessment as required by Section 1.311.  
 Yes  No

\* - Indicates that this field must be completed before this page can be submitted.

Proceed Clear

10:30 AM 3/3/2015

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**Filing Options**

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**Miscellaneous**

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- ELS Notification Website

**This is the UAT Version of ELS.**

**Application for FCC FORM 442**

10. List below transmitting equipment to be installed (if experimental, so state) if additional rows are required, please submit equipment list as an exhibit: \*

Manufacturer	Model Number	No. of Units	Experimental	Delete this row
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/>

The following is all the equipment data on file for this application. Click the desired link to modify or delete:

Proceed Clear

Add More Equipment

\* - At least one line of equipment data must be completed before this page can be submitted.

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#### Application for FCC FORM 442

**Filing Options**

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- [Form 442 - New License/Modification of License](#)
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- [Form 703 - Transfer of Control](#)
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**Questions Continued...**

11. \*Is the equipment listed in Item 10 capable of station identification pursuant to Section 5.115?  Yes  No

12. \*Applicant is:  
 Individual  Association  Partnership  Corporation  Other  
 If "OTHER" is selected, include as an exhibit a narrative statement describing the type of applicant.

13. \*Is applicant a foreign government or a representative of a foreign government?  Yes  No

14. \*  
 Has applicant or any party to this application had any FCC station license or permit revoked or any application for permit, license or renewal denied by this Commission?  
 If "YES", include as an exhibit a statement giving call sign of license or permit revoked and relate circumstances.  Yes  No

15. \*Will applicant be owner and operator of the station?  Yes  No

16. Give the following information of person who can best handle inquiries pertaining to this application:  
 Last Name: \*  
  
 First Name: \*  
  
 Title: \*  
  
 Phone Number (including area code): \*  
  
 E-mail Address: \*

17. \*APPLICANT ANTI-DRUG ABUSE CERTIFICATION:  
 By checking "YES", the individual applicant certifies that he or she is eligible for this license. This requires that he or she is not subject to a denial of federal benefits, including FCC benefits, as a result of a drug offense conviction pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C 862. A non-individual applicant, eg., corporation, partnership or other unincorporated association, certifies that no party to the application is subject to a denial of federal benefits, pursuant to that section.  
 For definition of a "party" for these purposes, see 47CFR 1.2002(b).  
 Yes  No

Questions Continued...

Certification

10:48 AM 3/3/2015

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https://appsteststage.fcc.gov/oetcf/els/forms/442EquipmentPage.cfm

For definition of a "party" for these purposes, see 47CFR 1.2002(b):  
 Yes  No

**Certification**  
**18 CERTIFICATION:**  
**THE APPLICANT CERTIFIES THAT:**

- a. Copies of the FCC Rule Parts 2 and 5 are on hand; and
- b. Adequate financial appropriations have been made to carry on the program of experimentation which will be conducted by qualified personnel; and
- c. All operations will be on an experimental basis in accordance with Part 5 and other applicable rules, and will be conducted in such a manner and at such a time as to preclude harmful interference to any authorized station; and
- d. Grant of the authorization requested herein will not be construed as a finding on the part of the Commission:
  - 1. that the frequencies and other technical parameters specified in the authorization are the best suited for the proposed program of experimentation, and
  - 2. that the applicant will be authorized to operate on any basis other than experimental, and
  - 3. that the Commission is obligated by the results of the experimental program to make provision in its rules including its table of frequency allocations for applicant's type of operation on a regularly licensed basis.

**THE APPLICANT FURTHER CERTIFIES THAT:**

- e. All the statements in the application and attached exhibits are true, complete and correct to the best of the applicant's knowledge; and
- f. The applicant is willing to finance and conduct the experimental program with full knowledge and understanding of the above limitations; and
- g. The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the USA.

Signature of Applicant (Authorized person filing application): \* \_\_\_\_\_ Signature Date: \_\_\_\_\_  
 Title of Person Signing Application: \* \_\_\_\_\_

**Check appropriate classification:**  
 Individual Applicant  Member of applicant partnership  
 Authorized employee  Office of applicant corporation or association

WILFUL FALSE STATEMENTS MADE ON THIS APPLICATION ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(A)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

NOTIFICATION TO INDIVIDUALS UNDER PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980  
 Information requested through this form is authorized by the Communications Act of 1934, as amended, and specified by Section 308 therein. The information will be used by Federal Communications Commission staff to determine eligibility for issuing authorizations in the use of the frequency spectrum and to effect the provisions of regulatory responsibilities rendered by the Commission by the Act. Information requested by this form will be available to the public unless otherwise requested pursuant to 47 CFR 0.459 of the FCC Rules and Regulations. Your response is required to obtain this authorization. Public reporting burden for this collection of information is estimated to average four (4) hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0065), Washington DC 20554. DO NOT send completed applications to this address. Individuals are not required to respond to this collection unless it displays a currently valid OMB control number.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507

Proceed Clear

10:49 AM 3/3/2015

Log In x Executive Order -- P... x fcc els - Go... x hf frequen... x els fcc - Go... x OET Experi... x 38°53'00.4" x OET ELS Ar... x coordinate... x Search for... x

https://appsteststage.fcc.gov/oetcf/els/forms/AntennaRegistration.cfm

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**Office of Engineering and Technology**

ECC > FCC E-Files > ELS > Antenna Registration FCC Site Map

**This is the UAT Version of ELS.**  
**Antenna Registration For File Number 0042-EX-CN-2015**

**Filing Options**

- Form 405 - License Renewal
- Form 442 - New License Application of License
- Form 702 - Assignment of License
- Form 703 - Transfer of Control
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**Miscellaneous**

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**Application Purpose**  
 The purpose of this application is to: \*

- Add this antenna to the application/license
- Edit data pertaining to this antenna
- Delete this antenna from the application/license

**Transmitter Location**  
 Proposed location of transmitter and transmitting antenna: \*

- Fixed/Base
- Mobile
- Base and Mobile

If permanently located at a FIXED location, provide the following:  
 State: \_\_\_\_\_  
 County: \_\_\_\_\_  
 City or Town: \_\_\_\_\_  
 Number and street (or other indication of location): \_\_\_\_\_

If mobile, describe the exact area of operation: \_\_\_\_\_

If fixed, enter the geographical coordinates exact to the nearest second. If mobile or base and mobile, enter either the area of operation or the fixed/center coordinates and the radius of operation:  
 North Latitude (DD-MM-SS): \_\_\_\_\_  
 West Longitude (DDD-MM-SS): \_\_\_\_\_  
 Radius of Operation (km): \_\_\_\_\_

**Datum**  
 Datum: \*  
 NAD 83  NAD 27

11:19 AM 3/3/2015

Log In x Executive C x fcc els - G... hf frequen... els fcc - G... OET Experi... 38°53'00.4" x OET ELS Ar... coordinate... Search for... Nixke

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Default: \*  
 NAD 83  NAD 27

**Directional Antenna**  
 Is a directional antenna (other than radar) used? \*  
 Yes  No  
 If yes, provide the following information:  
 i. Width of beam in degrees at the half power point:   
 ii. Orientation in horizontal plane (degrees from True North):   
 iii. Orientation in vertical plane (degrees from horizontal):   
 The information requested above exists in an exhibit submitted with this application.

**Antenna Height**  
 Will the antenna extend more than six meters above the ground, or if mounted on an existing building, will it extend more than six meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? \*  
 Yes  No  
 If yes, provide the following information:  
 i. Overall height above ground to tip of antenna (in meters):   
 ii. Elevation of ground at antenna site above mean sea level is:   
 iii. Distance to nearest aircraft landing area (in kilometers):   
 iv. List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.  
  
 v. Submit as an exhibit a vertical profile sketch of total structure including supporting building, if any, giving heights in meters above ground for all significant features. Clearly indicate existing portion, noting particulars of aviation obstruction lightly already available. Submit this sketch under the "Antenna Drawing" exhibit type.

\* - Indicates that this field must be completed before this page can be submitted.

Proceed Copy the current antenna Clear View Filing

Antennas associated with this filing:  
 Fixed Base, 445 12th Street, SW Washington, Dist of Columbia -- North Latitude -- West Longitude

Last Reviewed/Updated on 06/20/2003

11:19 AM 3/3/2015

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 FCC > FCC E-filing > ELS > Frequency Registration

This is the UAT Version of ELS.  
 Antenna Frequency Registration

Antenna Information  
 File Number: 0042-EX-CN-2015  
 Antenna Location: Fixed Washington, Dist of Columbia  
 Area of Operation:  
 Street Address: 445 12th Street, SW  
 City: Washington  
 State: Dist of Columbia

Particulars of Operation  
 Action \*  
 Add frequency  Modify frequency  Delete frequency  
 Lower Frequency Upper Frequency Frequency Units  
 Power Power Units ERP ERP Units  
 Mean/Peak Frequency Tolerance  
 Station Class  
 Fixed  Mobile

\* - At least one line of frequency data must be completed before this page can be submitted.

Add/edit emissions to this frequency Copy frequency Clear Add/Edit Frequencies View Filing

Other frequencies associated with this antenna:

Last Reviewed/Updated on 11/20/2005

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https://appsteststage.fcc.gov/oetcf/els/forms/EmissionRegistration.cfm?mode=retrieveview&frequency\_id=335917&emission\_id=&id\_file\_num=0042-EX-CN-2015&lic...

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This is the UAT Version of ELS.  
Frequency Emission Registration

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Antenna Information  
Antenna Location: **Fixed Washington, Dist of Columbia**  
Area of Operation:  
Street Address: **445 12th Street, SW**  
City: **Washington**  
State: **Dist of Columbia**

Frequency Information  
File Number: **0042-EX-CN-2015**  
Frequency Range: **100.00000000 - 200.00000000 MHz**  
Station Class: **Fixed**

Emission Details  
Action \*  
 Add emission  Modify emission  Delete emission  
Emission  
Modulating Signal Necessary Bandwidth  
Emission Details

Proceed Clear Add More Emissions Save & Return to Frequency Page View Filing

Other emissions associated with this frequency:

Last Reviewed/Updated on 11/24/2005

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Federal Communications Commission  
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FCC > FCC E-filing > ELS > Submit ELS Attachment

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This is the UAT Version of ELS.  
Submit ELS Attachments

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**NOTICE: Please be sure the following exhibits have already been submitted:**  
[Click Here For Attachment Submission Instructions.](#)  
Form 442 AFTRCC Pre-coordination Document  
Form 442 Question 6: Description of Research Project

Description: \*  
Exhibit Type: \*  
File Format: \*  
Confidential:   
File Location: \*  No file chosen

Submit Attachment Clear

Proceed with no Attachments

\* - This field is required.

Last Reviewed/Updated on 06/10/2008

Please send any comments or suggestions for this site to [ELB Systems and Support](#)

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