



Overview of FCC's Universal Licensing System (ULS)

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The recording for this webinar failed. A copy of the PowerPoint presentation with notes is being provided instead.

Welcome to the webinar, Overview of FCC's Universal Licensing System (otherwise known as ULS). Thank you for joining us. I'm Carol DiCaro, Processor for AFC, APCO International's Spectrum Management division and I'll be presenting the webinar today.

Overview

- Accessing the FCC ULS site
- New User (or Update) Registration
- Filings
- Searches
- Tools
- Resources
- Q & A

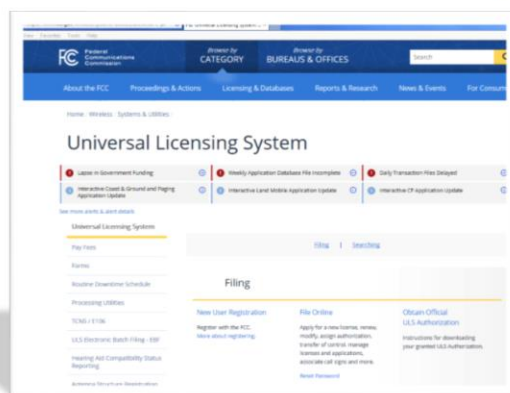
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This session is designed to be an overview of ULS to give you some guidance and tips on how to navigate through the FCC ULS system and also provide some guidance on the sections for FRN registration, online filing, FCC searches and tools, such as TOWAIR and the ASR (Antenna Structure Registration) database.

Accessing the FCC ULS site

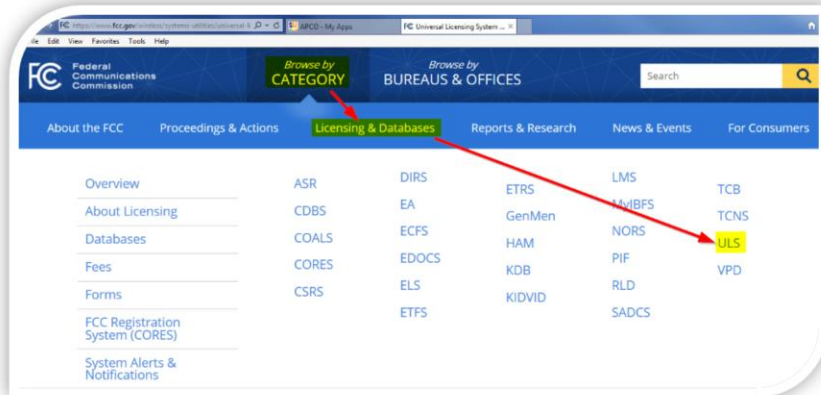
- Access direct from the ULS home page → www.fcc.gov/uls



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There are many ways to access the FCC ULS website. It can be accessed directly by using the web address, www.fcc.gov/uls.

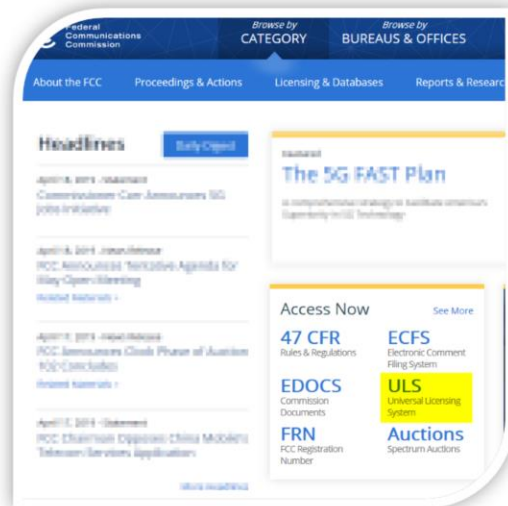
- Access from the FCC home page → www.fcc.gov
 - Browse by Category menu
 - Licensing & Databases



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ULS can also be found by starting from the FCC home page, www.fcc.gov. From this page, you can hover your mouse over Licensing & Databases, or use the Access Now section. In the Licensing & Databases links, you will see a large menu of items in alphabetical order to choose from. ULS is near the end of this list.

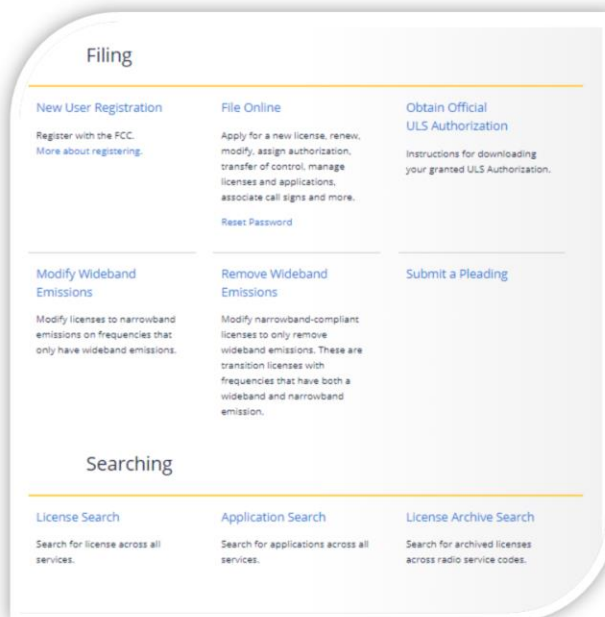
- Access from the FCC home page → www.fcc.gov
 - Access Now menu



In the middle of the screen you can see that the FCC has put several quick links for frequently used items. This is the Access Now section. Here you'll find a quick link to ULS. In addition, you'll find links to 47 CFR, which is the FCC rules link, the EDOCS and ECFS systems, FRN registrations and Auctions.

ULS home page

- Filings
- Searches








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No matter which way you choose to get to ULS, this is where you will end up. You may have noticed that ULS now has a new look. Although they've changed the look and moved some things around, the information basically remains the same. The FCC updated the appearance and browser compatibility in August 2018 to get rid of the Java applets. From the ULS home page, you can make various filings and run searches. You can also pull copies of licenses and check the status of pending applications. There are also various tools available to help you manage your licenses.

ULS Alerts

Home / Wireless / Systems & Utilities /

Universal Licensing System

 Interactive Coast & Ground and Paging Application Update 	 Interactive Land Mobile Application Update 
 Interactive CF Application Update Effective: May 16, 2018 System: Universal Licensing System (ULS) The FCC has updated the appearance and browser compatibility for interactively filed Microwave applications. The changes only impact new, modification, renewal modification and amendment applications, which previously used Java applets. To learn more about the update, please visit the Wireless Application Video Tutorials page for more information.	 Public Access Website Pages Migrating to NEW Location 

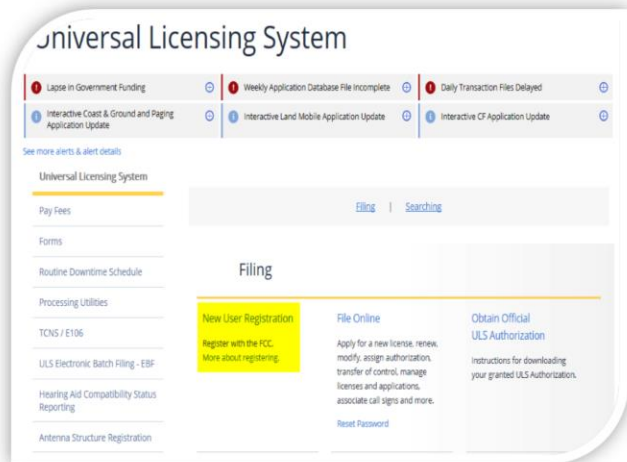
[See more alerts & alert details](#) 

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At the very top of the ULS page, the FCC lists any alerts pertaining to ULS, such as when ULS is down for maintenance outside of the normal downtime period or when they are need to make updates to the system. When the government shutdown was taking place, the FCC listed information about that here. To see more information about an alert, click on the plus sign next to it.

New User (or Update) Registration

- Update an existing FRN
- Register a new FRN
- Search for public FRN information



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Under the New User Registration section, you will get access to FRN (FCC Registration Number) information. This system is known as CORES (Commission Registration System), where you can register a new FRN, or update your existing FRN, or search for public FRN information. An FRN is a 10-digit number that is assigned to a business or individual registering with the FCC. This unique FRN is used to identify the registrant's business dealings with the FCC and is listed on every license.

Current FRN (CORES) Section

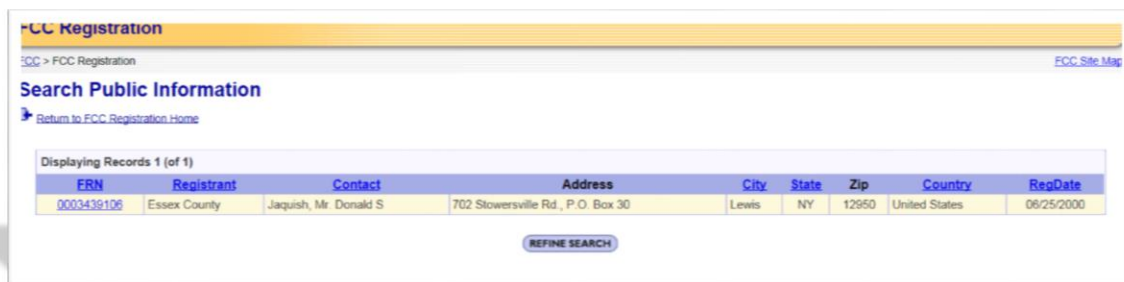
The screenshot shows the FCC Registration (CORES) section of the FCC website. At the top, there is a navigation bar with links for Home, Search, Updates, Training, Publications, FCC Consumers, and FCC People. Below this is a banner for "FCC Registration" with a "FCC Site Map" link. The main heading is "FCC Registration". A notice states: "You are accessing a U.S. Government Information System: Commission Registration System (CORES). Information system usage may be monitored, recorded, and subject to audit. Unauthorized use of the information system is prohibited and subject to criminal and civil penalties. Use of the information system indicates consent to monitoring and recording." Below this, a paragraph explains that users must first register through CORES and mentions an updated version of CORES. A link for "News releases" is provided. A red text box states: "The FCC plans to retire this version of CORES. We encourage you to use the updated CORES." The main content area is titled "Select one of the following:" and contains three columns: "REGISTER" (with a "Register and receive your FRN" link and a "REGISTER" button), "UPDATE" (with an "Update your registration information" link, an "UPDATE" button, and a "Forgot Password?" link), and "SEARCH" (with a "Search for public FRN information" link and a "SEARCH" button).

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When you click on New User Registration, this is where you are brought. The Register link is where you will register for a new FRN. When you register, the program will require certain information, including the Taxpayer ID number of your agency, address and phone number, and the type of agency – such as whether or not it's a governmental entity or a business. Some vendors or applicants will create a new FRN each time they submit an application, whether it is because they cannot find the password of an existing FRN or for some other reason. This may be handy at the time, but it is potentially very confusing for the applicant because they will find themselves in possession of licenses with multiple FRNs or with FRNs for which they don't have a password. Having multiple FRNs can make it difficult to find and manage your licenses, so using fewer FRNs is usually the better way to go. And it is relatively easy to have a password reset by the FCC. The Update link is where you can update the information in your FRN record. Be aware that if you update licensee name or contact information on the FRN record, it does not automatically update the license. If the license needs to be updated, you'll need to file an administrative update to correct contact information or you'll need to file an assignment authorization to change the ownership or control of the license. And the Search link is where you can look up public FRN information. This information does not show the Taxpayer ID number.

You can only view that when you log into your FRN account.

Public FRN Record Search Results



FCC Registration

FCC > FCC Registration [FCC Site Map](#)

Search Public Information

[Return to FCC Registration Home](#)

Displaying Records 1 (of 1)

FRN	Registrant	Contact	Address	City	State	Zip	Country	RegDate
0003439106	Essex County	Jaquish, Mr. Donald S	702 Stowersville Rd., P.O. Box 30	Lewis	NY	12950	United States	06/25/2000

[REFINE SEARCH](#)

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Here are the search results for an FRN. Clicking on the FRN number link takes you to the FRN record.

Public FRN Record Detail

Registration Detail	
FRN:	0003439106
Registration Date:	06/25/2000 01:33:18 AM
Last Updated:	07/20/2009 01:46:00 PM
Business Name:	Essex County
Business Type:	State or Local Agency , County
Contact Organization:	Emergency Services
Contact Position:	Director
Contact Name:	Mr Donald S Jaquish
Contact Address:	702 Stowersville Rd. P.O. Box 30 Lewis, NY 12950 United States
Contact Email:	djaquish@co.essex.ny.us
ContactPhone:	(518) 873-3900
ContactFax:	(518) 873-3963

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This is the information shown for an FRN. You can see when it was first registered, when it was last updated, the name of the business registered for that FRN, their business type, and their contact information.

New FRN (CORES) Section

FCC Registration

[FCC](#) > [FCC Registration](#) > [User Login](#) [FCC Site Map](#)

FCC Registration - Login

You are accessing a U.S. Government Information System. Information system usage may be monitored, recorded, and subject to audit. Unauthorized use of the information system is prohibited and subject to criminal and civil penalties. Use of the information system indicates consent to monitoring and recording.

Welcome to the COMission Registration System (CORES).

If you DO NOT have an FCC Username, please click the "REGISTER" button below to register an FCC Username. Once you have successfully registered an FCC Username, you can log into CORES to create a new 10 digit FCC Registration Number (FRN) and manage your existing FRNs.

[Click here for CORES Tutorial Videos.](#)

[View releases](#) related to the FCC Registration Number.

Username Login

Note: The Username is the email address associated with your FCC Username Account.

Username:

Password:

Need a Username?

[Forgot/Reset your Username Password?](#)

[Check Username Availability](#)

Search for public FRN information

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The current version of the CORES system is going to be phased out at a future date. You can access the updated version by clicking on the updated version link from the current New User Registration page. According to the FCC, the updated CORES will provide enhanced security and functionality to make it easier to manage applications.

New FRN (CORES) Tutorials

Commission Registration System Video Tutorials

FCC Registration System (CORES)

CORES FAQs

CORES Pilot Program Newsletters

CORES Tutorial Videos

FCC CORES Pilot Program

News Releases

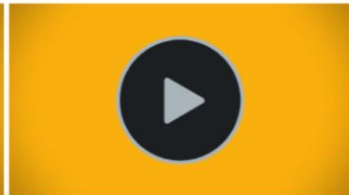
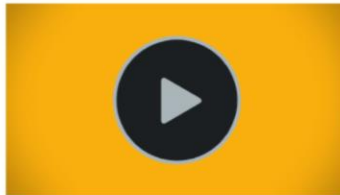
The Commission Registration System (CORES) Video Tutorials page is a resource dedicated to helping people navigate the Updated CORES system. The video tutorials shown below were created to help guide CORES users through a variety of situations: such as, creating an FCC Registration Number (FRN), linking multiple FRNs to a single account, and resetting a password. Please note that the video tutorials on this page are only applicable to the Updated CORES system.

Getting Started With the New CORES:

An overview of how the FCC has enhanced how users can register and manage an FCC Registration Number—necessary for doing business with the FCC.

How to Register an FRN:

Once logged in, a step-by-step guide on how to navigate the Commission Registration System.

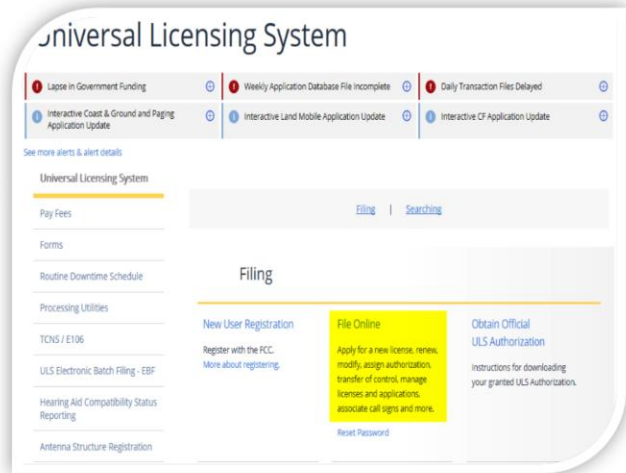


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The FCC has provided tutorials to help licensees with the new CORES system.

File Online

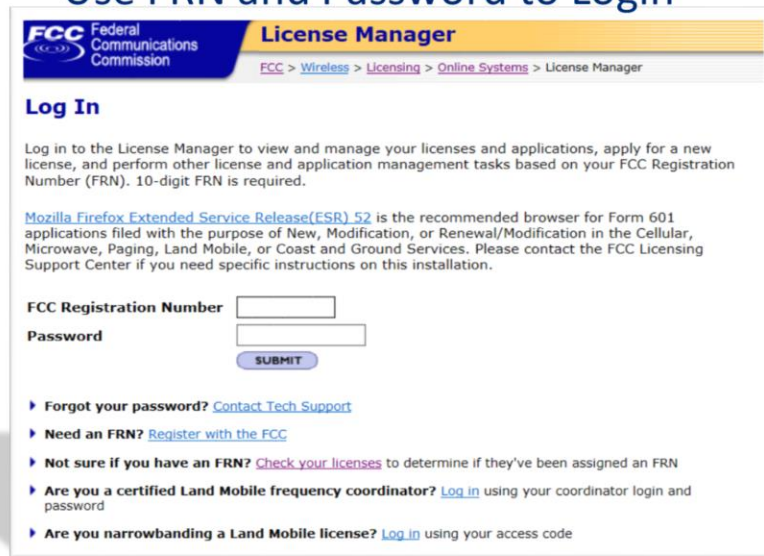
- Apply for new license
- Renew a license
- Modify an existing license
- Assign/Transfer licenses
- Manage licenses and applications



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Under the File Online section, you can apply for a new license, renew a license, modify an existing license, assign or transfer licenses, and manage licenses and applications. Keep in mind that if you modify a license, you can only file modifications that do not require frequency coordination. If you file an application that requires frequency coordination, the FCC will return or dismiss it. When in doubt, refer to the FCC rules or contact your preferred frequency coordinator for assistance.

Use FRN and Password to Login



The screenshot shows the FCC License Manager login interface. At the top, the FCC logo and 'Federal Communications Commission' are on the left, and 'License Manager' is on the right. Below the logo, a breadcrumb trail reads 'FCC > Wireless > Licensing > Online Systems > License Manager'. The main heading is 'Log In'. A paragraph explains that users can log in to view and manage licenses, apply for new ones, and perform other tasks based on their FCC Registration Number (FRN), which is a 10-digit number. A note mentions that Mozilla Firefox Extended Service Release (ESR) 52 is the recommended browser for Form 601 applications. The login form consists of two input fields: 'FCC Registration Number' and 'Password', followed by a 'SUBMIT' button. Below the form, there are five links with blue arrow icons: 'Forgot your password? Contact Tech Support', 'Need an FRN? Register with the FCC', 'Not sure if you have an FRN? Check your licenses' (with a note to determine if they've been assigned an FRN), 'Are you a certified Land Mobile frequency coordinator? Log in' (with a note to use coordinator login and password), and 'Are you narrowbanding a Land Mobile license? Log in' (with a note to use access code).

FCC Federal Communications Commission

License Manager

FCC > Wireless > Licensing > Online Systems > License Manager

Log In

Log in to the License Manager to view and manage your licenses and applications, apply for a new license, and perform other license and application management tasks based on your FCC Registration Number (FRN). 10-digit FRN is required.

Mozilla Firefox Extended Service Release (ESR) 52 is the recommended browser for Form 601 applications filed with the purpose of New, Modification, or Renewal/Modification in the Cellular, Microwave, Paging, Land Mobile, or Coast and Ground Services. Please contact the FCC Licensing Support Center if you need specific instructions on this installation.

FCC Registration Number

Password

SUBMIT

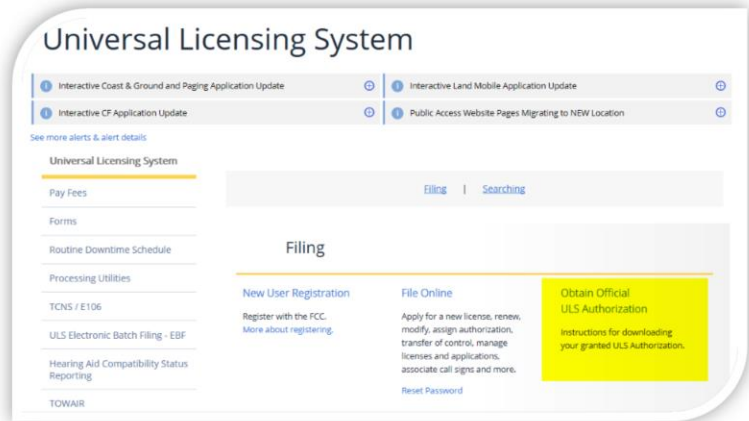
- ▶ **Forgot your password?** [Contact Tech Support](#)
- ▶ **Need an FRN?** [Register with the FCC](#)
- ▶ **Not sure if you have an FRN?** [Check your licenses](#) to determine if they've been assigned an FRN
- ▶ **Are you a certified Land Mobile frequency coordinator?** [Log in](#) using your coordinator login and password
- ▶ **Are you narrowbanding a Land Mobile license?** [Log in](#) using your access code

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When you click on File Online, it takes you to this general login page where you'll use your FRN and password to login and maintain your license contact information, submit a required notification, and so forth.

Obtain Official ULS Authorizations

- Instructions for downloading your granted ULS license



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The FCC is mostly paperless now and is no longer mailing license authorizations, so they have provided the Obtain Official ULS Authorization section to help licensees get copies of their licenses.

How To Obtain Official ULS Authorization

How To Obtain Official Authorizations from ULS

Universal Licensing System (ULS) Resources

- Frequently Asked Questions
- Filing Narrowbanding Applications
- Applying for a New License
- Cancelling a License
- Applying for Special Temporary Authority
- Construction Requirements by Service
- Construction/Coverage Requirements
- Failure To Meet Requirements

Per Public Notice DA 15-72, the FCC no longer mails license authorizations. If you provide an email address on your application, a link to print your official copy of your license will be automatically emailed to you when the application has granted. Licensees may also log into ULS to download official authorizations by following the instructions below.

ULS currently provides both a temporary and a permanent link on the License Manager homepage to download current official authorizations in Active status and to change your Paper Authorization Preference. The temporary links, "Change your paper authorization preference for licenses" and "download your official electronic authorizations now," can be found on a green bar across the top of the License Manager homepage. The permanent links, "Download Electronic Authorizations," and "Set Paper Authorization Preference" can be found in the navigation bar on the left side of the License Manager homepage.

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INSTRUCTIONS FOR DOWNLOADING OFFICIAL AUTHORIZATIONS IN ULS

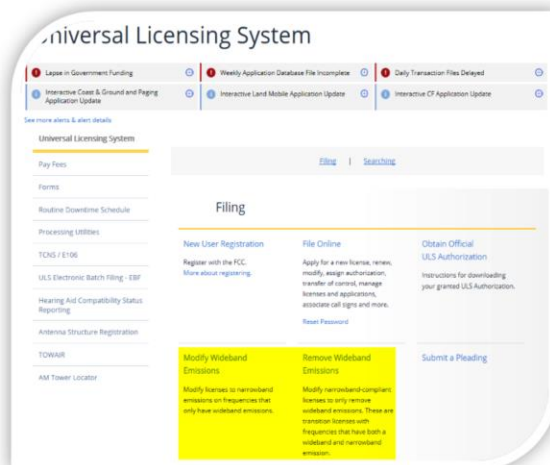
INSTRUCTIONS FOR RECEIVING OFFICIAL PAPER

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This section provides instructions for downloading your granted FCC license or changing your ULS paper preference. If you provide an email address on your application, a link to print your official copy of your license will be automatically emailed to you when the application has granted.

Narrowband Filing

- Modify wideband emissions
- Remove wideband emissions



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Under the Narrowband Filing section, you can either make filings to modify emissions or remove wideband emissions. This Narrowband Filing section was created in response to the FCC's narrowbanding mandate issued several years ago and gives licensees an easy way to file narrowbanding only applications. Keep in mind when you use this online tool to modify your emissions, that you can only change your emissions to narrowband emissions with the same configuration as your wideband emissions. Wideband emissions are those with a bandwidth exceeding 11.25 kHz. The bandwidth of an emission is identified by the first 4 digits of the emission, such as the 20K0 of 20K0F3E. The configuration of an emission is identified by the last 3 digits of the emission, such as the F3E of 11K2F3E which identifies it as an analog voice emission, or the F1D of 8K10F1D which identifies it as a digital data emission. If you change your configuration, then you'll need to file your application through a frequency coordinator.

Narrowband Filing Logins

The image displays two overlapping screenshots of FCC web portals. The top screenshot is the 'Narrowbanding Process' login page, which includes a 'Log In' section with instructions and a list of steps to file an application. The bottom screenshot is the 'Wide Band Removal Tool' login page, which features a 'Remove Wideband Emissions ONLY' section with a simplified interface for filing applications to remove wideband emission designators. Both pages include login fields for FRN and Password, and a 'Sign In' button. The bottom screenshot also includes support information and a URL for the eSupport web site.

Narrowbanding Process

Log In

This tool allows you to file an application to "narrowband" by changing the wideband emissions to narrowband emissions on your industrial/business or public safety land mobile licenses.

Steps to file an application:

1. Log in
2. Update your emission designators.
3. Sign and submit the application. The application will be processed in real time.

Please note that frequencies that require coordination with the Interdepartmental File Transfer (IDFT) are also excluded from this tool. Licensees that are delinquent on a federal debt are also excluded from complete Form 601 application.

Log in using either your:

- Access Code
- FCC Registration Number (FRN) and Password

Wide Band Removal Tool

Remove Wideband Emissions ONLY

This tool provides a simplified interface to file an application to remove a wideband emission designator from your industrial/business or public safety land mobile licenses. ♦ This tool can only be used on frequencies that contain both wideband and narrowband emission designators.

Support

1-877-480-3201 number and the eSupport web site: <https://esupport.fcc.gov/online/request.htm>

FRN

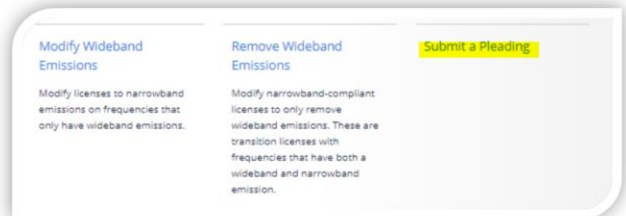
Password

Sign In

When you click on either of the narrowband filing links, it takes you to a login page where you must login to file your narrowbanding changes.

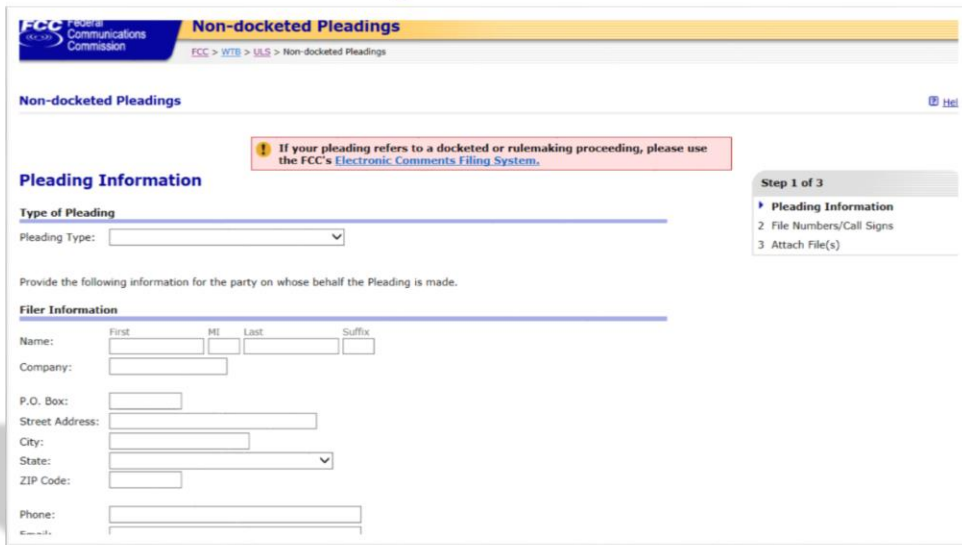
Submit a Pleading

- File non-docketed pleadings
 - Petitions For Reconsideration (PFR) of termination pending, application dismissals, etc.



The Submit a Pleading section allows you to file non-docketed pleadings – meaning ones that are not associated with a specific FCC Rulemaking or Docket Number. Pleadings include but are not limited to petitions that are filed against a pending application or Petitions for Reconsideration, also known as PFRs, which you may file in response to a Termination Pending status on a license. An FRN and password are not required to submit a pleading.

Pleading Information



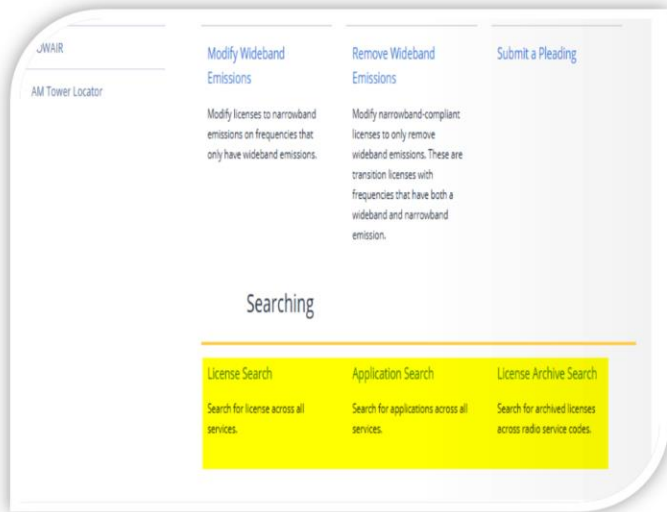
The screenshot shows the 'Non-docketed Pleadings' page on the FCC's Electronic Comments Filing System. The page has a blue header with the FCC logo and the text 'Non-docketed Pleadings'. Below the header, there is a navigation bar with 'FCC > WTB > ULS > Non-docketed Pleadings'. The main content area is titled 'Non-docketed Pleadings' and includes a warning box: 'If your pleading refers to a docketed or rulemaking proceeding, please use the FCC's Electronic Comments Filing System.' The 'Pleading Information' section contains a 'Type of Pleading' dropdown menu. Below this, a note states: 'Provide the following information for the party on whose behalf the Pleading is made.' The 'Filer Information' section includes fields for Name (First, MI, Last, Suffix), Company, P.O. Box, Street Address, City, State (dropdown), ZIP Code, and Phone. A sidebar on the right indicates 'Step 1 of 3' with a list: '1 Pleading Information', '2 File Numbers/Call Signs', and '3 Attach File(s)'.

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When you click on the Submit a Pleading link, it takes you to this page where you can select your pleading type and provide other relevant information. When you file a pleading on a call sign or application, a copy of the filing appears under the Admin tab of the License or Application record, which we will get to shortly.

FCC Searches

- License Search
- Application Search
- License Archive Search



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Back on the ULS home page, you can do various searches to look up licenses, applications or license archives.

License Search

Universal Licensing System
FCC > [USF](#) > [Online Systems](#) > License Search

License Search

The ULS License Search enables you to search for a wide range of licenses in the Universal Licensing System. The License Search here provides access to the most basic attributes of a license. You can also specify more attribute combinations with the [Advanced Search](#), and search within services like [Amateur](#) using service-specific criteria. Please be aware that some combinations of search criteria may result in a longer wait.

License Search

Search by:

By FRN
By Name

exact matches only

[Advanced License Search](#)

Advanced Search

Want to search for licenses of any radio service code based on combinations of general license attributes?

[Advanced License Search](#)

Advanced License Search includes:

- ▶ Licensee Status, ZIP, and Name
- ▶ Dates (Grant, Last Action, etc)
- ▶ License Status
- ▶ Radio Service Code
- ▶ And more.

Service Specific Search

Want to search for licenses within a service using criteria relevant to that specific service?

- ▶ [Aircraft](#)
- ▶ [Amateur](#)
Vanity Call Signs, Operator Class, and more.
- ▶ [Commercial/Restricted Permits](#)
Operator Class, COLEN, and more.
- ▶ [GMRS](#)
- ▶ [Ship](#)
NRPSPAC, Ship Name, and more.

Specialized Search

Want to use customized criteria to search for a license within all relevant services?

- ▶ [Market Based](#)
Search by auction number, markets, channel block and more.
- ▶ [Site Based](#)
Search by station class, frequency, Antenna Structure Registration (ASR) number, and more.
- ▶ [Facility ID](#)
Search by Facility Identification Number for Broadcast Auxiliary Licenses.
- ▶ [Geographic](#)
Search by coordinates, county/state, address and frequency information.
- ▶ [Buildout Deadline](#)
Search by Buildout Deadline information, auction, radio services, and more.
- ▶ [Lease Specific](#)
Search by Lease information.
- ▶ [800 MHz Reconfiguration Search](#)
Search by call sign, NRPSPAC region, frequency range, and more.

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Under the License Search, you can look up licenses using the call sign, the FRN, or by licensee name. Using the licensee name is a hit or miss kind of thing, because if you don't get the name exactly right, it may not show up in your results. Best results are received by using either the FRN or call sign, or you can use the Advanced, Service Specific, or Specialized Searches to search by longitude and latitude coordinates, frequencies or other search criteria. One thing I've found using the specialized Market search to do a BEA market search – which you may do if you're anticipating licensing 800 MHz vacated spectrum – is that you need to search by a small frequency range rather than the exact frequency. For example, if your proposed channel is 854.0125, then you'd search from 854.012 to 854.013.

License Search Results

The screenshot shows the FCC Universal Licensing System interface. At the top, the FCC logo and navigation links are visible. The main heading is "Universal Licensing System". Below this, the search path is "FCC > WTB > US > Online Systems > License Search". The "Search Results" section shows a "Specified Search" for "Call Sign like WQLI541". It indicates "Matches 1 - 1 (of 1)". A table displays the search results for "Page 1". The table has columns for "Call Sign/Lease ID", "Name", "FRN", "Radio Service", "Status", and "Expiration Date". The first row shows "1" for the ID, "WQLI541" for the call sign, "ESSEX, COUNTY OF" for the name, "0003439106" for the FRN, "PW" for the radio service, "Active" for the status, and "01/29/2020" for the expiration date. A legend on the right indicates that "PA" stands for Pending Application(s), "TP" for Termination Pending, and "L" for Lease.

Page 1

Call Sign/Lease ID	Name	FRN	Radio Service	Status	Expiration Date	
1	WQLI541	ESSEX, COUNTY OF	0003439106	PW	Active	01/29/2020

Page 1

Legend: PA = Pending Application(s), TP = Termination Pending, L = Lease

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For the basic License Search, I used a specific call sign here and this is what the results of the search looks like. The call sign itself is a link to the license record.

License Tabs

FCC Federal Communications Commission
Universal Licensing System

FCC > ULS > Online Systems > License Search

ULS License
Public Safety Pool, Conventional License - WQLI541 - ESSEX, COUNTY OF

[New Search](#) [Refine Search](#) [Return To Results](#) [Printable Page](#) [Reference Copy](#) [Map License](#)

MAIN ADMIN LOCATIONS FREQUENCIES MAP

Call Sign	WQLI541	Radio Service	PW - Public Safety Pool, Conventional
Status	Active	Auth Type	Regular
Dates			
Grant	01/29/2010	Expiration	01/29/2020
Effective	12/06/2013	Cancellation	
Control Points			
1	702 STOWERSVILLE RD, ESSEX, LEWIS, NY P: (518)873-3660		
Licensee			
FRN	0003439106 (View Ownership Filings)	Type	Governmental Entity
Licensee			
ESSEX, COUNTY OF P.O. Box 30 702 STOWERSVILLE RD. LEWIS, NY 12950 ATTN DONALD JAQUITSH		P:(518)873-3900 F:(518)873-3963 E:DJAQUITSH@CO.ESSEX.NY.US	

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From this page you can get a lot of information about the license. You can see that there are several tabs along the top of the page to select from. You can also get a reference copy of the license in PDF form by clicking on that link. The Main tab shows the licensed radio service, the grant and expirations dates, and lists the control points.

License Main Tab

Licensee			
FRN	0003439106 (View Ownership Filing)	Type	Governmental Entity
Licensee			
ESSEX, COUNTY OF P.O. Box 30 702 STROWERSVILLE RD. LEWIS, NY 12950 ATTN DONALD JAQUISH		P:(518)873-3900 F:(518)873-3963 E:DJAQUISH@CO.ESSEX.NY.US	
Contact			
WELLS COMMUNICATIONS SERVICE INC EDWARD J KEHN SR 221 N GREENBUSH ROAD TROY, NY 12180		P:(518)283-2735 F:(518)283-0901 E:EDSENIOR@WELLSCOMM.COM	
Land Mobile Data			
Extended Implementation (Slow Growth)		Assoc. Call Signs	WPC833 , WNXX687 , WXT889
Eligibility			
90.20 - RADIOS WILL BE USED FOR EMERGENCY AND PUBLIC SAFETY COMMUNICATIONS.			

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This is the lower part of the Main tab and it provides addresses, telephone numbers, and often email addresses. The Licensee information is self-explanatory as it identifies who the licensee is. If possible, using general contact information such as a department name or the title of an individual and that department's phone number and general email address is often better than using a specific individual's contact information, since it is not uncommon for agency staff to change over the 10-year period that most land mobile radio licenses are valid for. The Contact information on the other hand may be the vendor or a licensing service, rather than the applicant. Or it may be another contact from licensed entity. This tab will also indicate if a slow growth plan has been requested, list any associated call signs, and provide the rule section under which the applicant qualifies for specific frequencies.

License Admin Tab

MAIN		ADMIN		LOCATIONS		FREQUENCIES		MAP		
Call Sign				WQL1541			Radio Service		PW - Public Safety Pool, Conventional	
Applications										
Receipt Date		File Number and Type						Status		
10/10/2014		0006498759 NT - Required Notification (S)						Accepted		
05/14/2014		0006284486 EX - Request for Extension of Time						Granted		
11/12/2013		0006008646 MO - Modification						Granted		
All Applications (16)										
Automated Letters and Authorizations										
09/30/2014		5872968 Construct/Coverage Reminder -- Licensee								
05/22/2014		Authorization -- Licensee								
05/13/2014		5789493 Construct/Coverage Reminder -- Licensee								
All Automated Letters and Authorizations (15)										
Comments										
None										
History										
09/30/2014		Construction/Coverage Reminder Letter Sent								
05/22/2014		Authorization Printed								
05/13/2014		Construction/Coverage Reminder Letter Sent								
All History (21)										

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The Admin tab provides a history of the license. It shows if the FCC has sent any letters to the applicant, such as reminder notices that they need to submit their buildout notification, as shown here. If you click on the notice link, it takes you to a copy of the document.

License Locations Tab

MAINADMINLOCATIONSFREQUENCIESMAP				
Call Sign		WQL1541	Radio Service	PW - Public Safety Pool, Conventional
7 Total Locations			Locations Displayed:	
10 Locations per Summary Page			All Fixed Mobile Terminant Temp Fixed S.A.M.	
<input checked="" type="checkbox"/> Special Condition <input checked="" type="checkbox"/> Termination Pending				
Location	Transmitter Address / Area of Operation	Latitude, Longitude	Status	
1 - Fixed	SUMMIT OF BELFRY MTN MORIAH, NY ESSEX County	44-05-54.8 N, 073-32-51.6 W		
2 - Fixed	SUMMIT MT DEFIANCE TICONDEROGA, NY ESSEX County	43-49-52.9 N, 073-24-23.4 W		
3 - Fixed	WHITE FACE SKI CNTR LIFT STATION WILMINGTON, NY ESSEX County	44-21-21.9 N, 073-53-30.8 W		
4 - Fixed	SUMMIT GORE MTN NORTH CREEK, NY WARREN County	43-40-20.3 N, 074-02-51.3 W		
7 - Mobile	ESSEX County, NY			
8 - Fixed	1/4 MILE NORTH OF HALDS ROAD WESTPORT, NY ESSEX County	44-13-14.2 N, 073-24-39.2 W		
9 - Fixed	SUMMIT MT. PISGAH SKI AREA SARANAC LAKE, NY ESSEX County	44-20-25.1 N, 074-07-48.5 W		

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The Locations tab provides the site information. If you click on the Location number, it will provide full site information.

License Location Information

Call Sign	WQLI541		Radio Service	PW - Public Safety Pool, Conventional	
7 Total Locations			Location: 1 - MORIAH, NY <input type="button" value="GO"/>		
Return to Locations Summary					
Location 1 - BELFRY (Fixed)					
Frequencies (4)					
Transmit Location SUMMIT OF BELFRY MTH MORIAH, NY ESSEX County			Coordinates 44-05-54.8 N, 073-32-51.6 W		
Site Elevation (AMSL)	554.0m	Height w/o Appurtenances	30.0m		
ASR #/File #	N/A	Height w/ Appurtenances	59.0m		
Support Structure Type	TOWER - Free standing or Guyed Structure used for Communic				
NEPA Required	No				
Quiet Zone Notification Date	Quiet Zone Consent				
Is coordination with Canada required?					
Is coordination with Mexico required?					
Special Conditions	None				
Antenna 1					
HAAT	267.0	Hgt to Tip	30.0m	Polarization	V - Vertical
Azimuth	360.0°	Beamwidth	18.0°	Gain	5.5dBi

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While the longitude and latitude coordinates were also seen on the previous page, here you will see more location detail and it is where you will find the antenna information. If there are multiple antennas, they will all be listed at the bottom of the page. Sometimes you may find there is incomplete or missing information on the license. If this was the case here, the missing information would have to be provided when the license is modified.

Frequency Special Condition

MAIN ADMIN LOCATIONS FREQUENCIES MAP					
Call Sign		WQL1541		Radio Service	PW - Public Safety Pool, Conventional
Return to Frequencies Summary					
Frequency 000158.91000000					
Station Class		FB2 - Mobile Relay		Output Power	100.000
Units	1	Paging Rec		Maximum ERP	110.000
Emissions					
8K10F1D	FCC Admin Serial Number		Date Sent		
	IFRB Serial Number		Date Into Register		
8K10F1E	FCC Admin Serial Number		Date Sent		
	IFRB Serial Number		Date Into Register		
Buildout Dates					
First Use	08/07/2012	Deadline	12/31/2014	Notification	10/10/2014
COSER					
Number	201106502	Request Type	R	Result	NHIC
IRAC					
No IRAC information on file					
Frequency Special Conditions					
Authorization on a secondary basis.					

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If you click on the frequency link, the special condition appears at the bottom of the page. The special condition will also appear on the printed or PDF copy of the license.

License Frequencies Tab (Define View Links)

MAIN ADMIN LOCATIONS FREQUENCIES MAP									
Call Sign: WQL1541				Radio Service: PW - Public Safety Pool, Conventional					
30 Frequencies for all locations 20 Frequencies per Summary Page				Filter Frequencies By Location: All Locations ▼ GO					
1 2 [Next >>]									
<input checked="" type="checkbox"/> Special Condition <input type="checkbox"/> Termination Pending				Define View: General Buildout COSER Emission IRAC					
Frequency	Loc#	Ant#	Freq ID	Station Class	Units	Paging Rec.	Output Power	Maximum ERP	
000151.08500000	1	1	2	FB2	1		100.000	59.800	
000151.10000000	2	1	3	FB2	1		100.000	65.000	
000151.30250000	2	1	4	FB2	1		100.000	65.000	
000151.30250000	3	1	2	FB2	1		50.000	19.000	
000151.34000000	4	1	2	FB2	1		100.000	24.000	
000151.34000000	7	1	17	MO	400		50.000	50.000	
000151.35500000	2	1	7	FB2	1		100.000	65.000	
000151.35500000	3	1	7	FB2	1		50.000	15.000	
000153.75500000	7	1	24	MO	400		50.000	50.000	
000153.77750000	7	1	19	MO	400		50.000	50.000	
000153.84500000	4	1	4	FB2	1		100.000	24.000	
000154.10000000	3	1	6	FB2	1		50.000	19.000	
000154.14500000	1	1	3	FB2	1		100.000	59.800	
000155.29500000	7	1	16	MO	400		50.000	50.000	

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Clicking on any of the other Define View links on the Frequencies tab (highlighted at the upper right hand side) will provide more specialized information.

License Buildout Link

SC = Special Condition TP = Termination Pending Define View: General | Buildout | COSES | Emission | IRAT

Frequency	Loc#	Ant#	Freq ID	Station Class	Buildout First Use	Buildout Deadline	Buildout Notification
000151.08500000 SC	1	1	2	FB2	01/29/2010	12/31/2014	10/10/2014
000151.10000000	2	1	3	FB2	01/29/2010	12/31/2014	10/10/2014
000151.30250000	2	1	4	FB2	01/29/2010	12/31/2014	10/10/2014
000151.30250000	3	1	2	FB2	01/29/2010	12/31/2014	10/10/2014
000151.34000000	4	1	2	FB2	01/29/2010	12/31/2014	10/10/2014
000151.34000000	Z	1	17	MO	01/29/2010	12/31/2014	10/10/2014
000151.35500000 SC	2	1	7	FB2	01/29/2010	12/31/2014	10/10/2014
000151.35500000	3	1	7	FB2	08/07/2012	12/31/2014	10/10/2014
000153.75500000	Z	1	24	MO	08/07/2012	12/31/2014	10/10/2014
000153.77750000 SC	Z	1	19	MO	01/29/2010	12/31/2014	10/10/2014
000153.84500000	4	1	4	FB2	01/29/2010	12/31/2014	10/10/2014
000154.10000000	3	1	6	FB2	01/29/2010	12/31/2014	10/10/2014
000154.14500000 SC	1	1	3	FB2	01/29/2010	12/31/2014	10/10/2014
000155.29500000	Z	1	16	MO	01/29/2010	12/31/2014	10/10/2014
000156.12000000	Z	1	18	MO	01/29/2010	12/31/2014	10/10/2014
000156.13500000	1	1	4	FB2	08/07/2012	12/31/2014	10/10/2014

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Clicking on the Buildout link brings you to this page. The next to last column provides the buildout deadline and the last column provides the date of the actual notification. All new licenses and most modifications will require a buildout notification to be submitted. Also known as a Schedule K, the buildout notification allows the applicant to advise the FCC of the date the sites and frequencies were constructed and fully operational. For mobiles, there is no construction but instead you will identify when they became fully operational. If you fail to file the required buildout notification timely, the FCC will place the affected license or specific frequencies in a Termination Pending status and you'll only have 30 days to let the FCC know you have satisfied the construction/buildout requirement by filing a petition before you will lose your authorization to operate on them.

License COSER Link

SC = Special Condition TP = Termination Pending

Define View: General | Buildout | COSER | Emission | BRAC

Frequency	Loc#	Ant#	Freq ID	Station Class	COSER Number	COSER Req. Type	COSER Result
000151.08500000	1	1	2	FB2	2011106477	N	NHIC
000151.10000000	2	1	3	FB2	2009104794	N	NHIA
000151.20250000	2	1	4	FB2	2009104795	N	NHIA
000151.30250000	3	1	2	FB2	2009104798	N	NHIA
000151.34000000	4	1	2	FB2	2009104801	N	NHIA
000151.34000000	Z	1	17	MO	2011106495	N	NHIA
000151.35500000	2	1	7	FB2	2009104797	R	NHIC
000151.35500000	3	1	7	FB2	2011106487	R	NHIA
000153.25500000	Z	1	24	MO	2011106501	N	NHIA
000153.77750000	Z	1	19	MO	2011106497	N	NHIC
000153.84500000	4	1	4	FB2	2011106490	N	NHIA
000154.10000000	3	1	6	FB2	2009104800	N	NHIA
000154.14500000	1	1	3	FB2	2012110201	N	NHIC
000155.29500000	Z	1	16	MO	2011106494	N	NHIA
000156.12000000	Z	1	18	MO	2011106496	N	NHIA
000156.13500000	1	1	4	FB2	2012110202	N	NHIC
000156.13500000	Z	1	6	MO	2009104807	N	NHIA
000156.21000000	1	1	5	FB2	2012110203	N	NHIC
000156.22500000	Z	1	22	MO	2011106499	N	NHIA

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The COSER link is especially important to any licensee who is above Line A and must deal with Canadian objections. COSER is the Canadian Co-Channel Serial Coordination System, which allows the FCC to exchange data with Industry Canada.

COSER Results Codes

- Number – Sequential number identifying the proposal being sent to Canada.
- Request Type – Code indicating the type of request and action required. The valid codes are as follows:
 - N – New Proposal
 - T – Notification
 - R – Reconsideration
 - O – On-Air Test
 - C – Cancellation
- Result – Code identifying the results of the coordination with Canada. The values are as follows:
 - NHIA – No Harmful Interference Anticipated
 - NHIC – No Harmful Interference with Conditions
 - HIA – Harmful Interference Anticipated
 - NOTED – Acknowledgment of a Notification or a Cancellation
 - ERROR – Proposal was found to be in error

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Here are the COSER results codes that correspond with the COSER page. The most common results are NHIA – No Harmful Interference Anticipated, NHIC – No Harmful Interference with Conditions, or HIA – Harmful Interference Anticipated. The FCC issues a return notice listing the frequencies and sites that Canada objects to. These notices are posted to the Admin tab of the application record, which we'll touch on soon.

License Emissions Link

Special Condition Termination Pending

Define View: General Buildout CQSES Emission USAC

Frequency	Loc#	Ant#	Freq ID	Station Class	Emission Designators
000151.08500000	1	1	2	FB2	8K10F1D, 8K10F1E
000151.10000000	2	1	3	FB2	8K10F1D, 8K10F1E
000151.30250000	2	1	4	FB2	8K10F1D, 8K10F1E
000151.30250000	3	1	2	FB2	8K10F1D, 8K10F1E
000151.34000000	4	1	2	FB2	8K10F1D, 8K10F1E
000151.34000000	2	1	17	MO	11K0F3E, 8K10F1D, 8K10F1E
000151.35500000	2	1	7	FB2	8K10F1D, 8K10F1E
000151.35500000	3	1	7	FB2	8K10F1D, 8K10F1E, 11K2F3E, 11K2F3D
000153.75500000	2	1	24	MO	11K2F3E, 8K10F1D, 8K10F1E
000153.77250000	2	1	19	MO	11K0F3E, 8K10F1D, 8K10F1E
000153.84500000	4	1	4	FB2	8K10F1D, 8K10F1E
000154.10000000	3	1	6	FB2	8K10F1D, 8K10F1E
000154.14500000	1	1	3	FB2	8K10F1D, 8K10F1E
000155.29500000	2	1	16	MO	11K0F3E, 8K10F1D, 8K10F1E
000156.12000000	2	1	18	MO	11K0F1E, 8K10F1D, 8K10F1E
000156.13500000	1	1	4	FB2	8K10F1D, 8K10F1E
000156.13500000	2	1	6	MO	11K0F3E, 8K10F1D, 8K10F1E
000156.21000000	1	1	5	FB2	8K10F1D, 8K10F1E
000156.22500000	2	1	22	MO	11K0F3E, 8K10F1D, 8K10F1E

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There is also an Emissions link which shows which emission designators have been licensed. The FCC will license multiple emission designators, but strongly recommends licensing only what will actually be used. They prefer that an applicant does not license emission designators for equipment they “might” obtain in the future.

License IRAC Link

MAIN		ADMIN		LOCATIONS		FREQUENCIES		MAP			
Call Sign				WQKE793				Radio Service		PW - Public Safety Pool, Conventional	
5 Frequencies for all locations								Filter Frequencies By Location:			
20 Frequencies per Summary Page								All Locations ▼ GO			
SC = Special Condition TP = Termination Pending											
Define View: General Buildout COSER Emission IRAC											
Frequency	Loc#	Ant#	Freq ID	Station Class	FAS Docket	FAS XRC	FAS NG	Result			
200173.07500000	2	1	1	MO	J1014723	20083190	NG 081779	AN			
200173.07500000	3	1	1	FB	J1014722	20083190	NG 081780	AN			
200173.07500000	4	1	1	FB	J1014725	20083190	NG 081781	AN			
200173.07500000	6	1	1	FB	J1014726	20083190	NG 081783	AN			
200173.07500000	7	1	1	FB	J1014724	20083190	NG 100994	AN			

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There is also an IRAC link. IRAC is the Interdepartment Radio Advisory Committee. They coordinate between the FCC, FAA, and NTIA (who is the coordinator for Federal applicants).

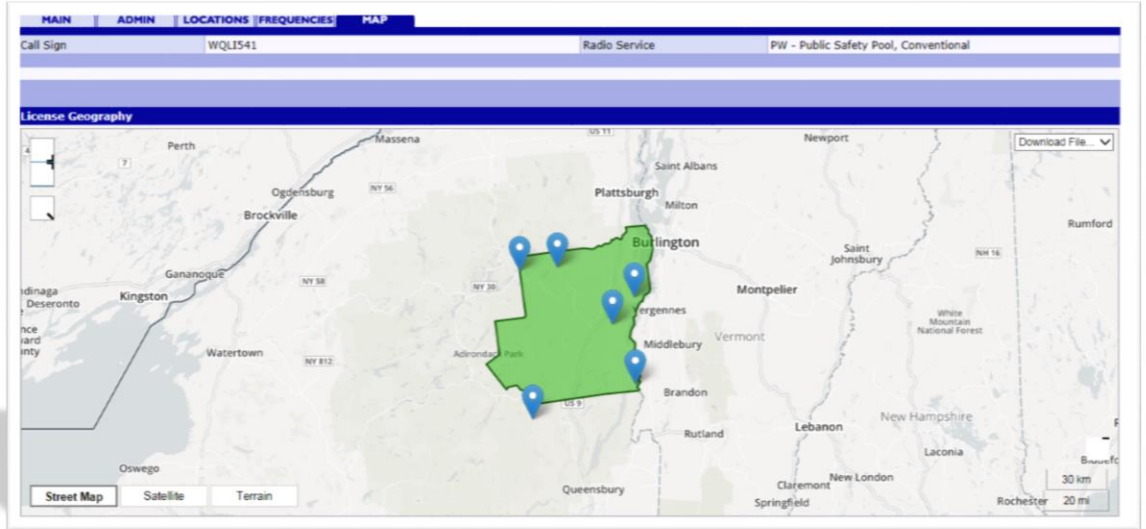
IRAC Results Codes

- FAS Docket—The FAS Docket Number assigned to a specific coordination by the NTIA.
- FAS XRS — An FCC-assigned number. There is one FCCM serial number assigned per application being coordinated with the NTIA.
- FAA NG—An FCC-assigned number. There is one NG Number assigned to each frequency on an application.
- Result—The results of the coordination request. Values can be:
 - RF—Rejected by FAA
 - RN—Rejected by NTIA
 - AN—Approved by NTIA. Note: If the FAA approves the coordination, it is sent to NTIA.

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Here are IRAC results codes that you may find on the IRAC page. You can get either an RF—Rejected by FAA, an RN—Rejected by NTIA, or AN—Approved by the FAA and NTIA result.

License Map Tab



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The Map tab allows you to create maps and display the licensed frequencies in relation to geographical boundaries.

Application Search

Universal Licensing System

USC > ULS > Online Systems > Application Search

Application Search

The ULS Application Search enables you to search for a wide range of applications in the Universal Licensing System. The Application Search below provides access to the most basic attributes of an application. You can also search for more attribute combinations with the [Advanced Search](#), search within services like [Amateur](#) and [Aircraft](#) using service-specific criteria, and perform specialized searches such as [Market-Based](#) and [Geographic](#).

Advanced Search

Want to search for applications of any radio service code based on combinations of general application attributes?

[Advanced Application Search](#)

Advanced Application Search includes:

- Applicant State, ZIP, and Name
- Dates (Receipt, Action, etc.)
- Application Status
- Application Purpose
- And more.

Application Search

By Call Sign
By FRN
By Applicant Name

☐ exact matches only
☐ and Application Search

Specialized Search

Want to use customized criteria to search for an application within all relevant services?

- ➔ [Market Based](#)
Search by auction number, markets, channel block, and more.
- ➔ [Site Based](#)
Search by station class, frequency, Antenna Structure Registration (ASR) number, and more.
- ➔ [Facility ID](#)
Search by facility identification number.
- ➔ [Geographic](#)
Search by coordinates, county/state, address, and frequency information.
- ➔ [Link Registration ID](#)
Search by link registration identification number.
- ➔ [NG Number](#)
Search by the Interdepartment Radio Advisory Committee (IRAC) coordination number.
- ➔ [Secondary Markets Search](#)
Search by Assignment information, transfer information, date information, and more.
- ➔ [Ownership Search](#)
Search for Ownership Disclosure Filings by Filing Type, Filing Date, and more.

Service Specific

Want to search for an application within a service using criteria relevant to that specific service?

- ➔ [Aircraft](#)
Vanity Call Signs, Operator Class, and more.
- ➔ [Amateur](#)
Select [Vanity Search](#) to see if a call sign has already been submitted on a vanity application.
- ➔ [Commercial/Restricted Permits](#)
Operator Class, COLEP, and more.
- ➔ [GNRS](#)
- ➔ [Ship](#)
NRCSP, Ship Name, and more.

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Now let's look at the information available under an application. Under the Application Search, you can look up applications using the file number, call sign, FRN, or by applicant name. Much like the License Search, if you use the applicant name and don't get the name exactly right, it may not show up in your results. Best results are received by using the FRN, call sign or file number, or by using the Advanced or Specialized Searches.

Application Search Results

FCC Federal Communications Commission
Universal Licensing System

ECC > [WTS](#) > [ULS](#) > [Online Systems](#) > Application Search

Application Search
Search Results

[New Search](#) [Refine Search](#) [Printable Page](#) [Query Download](#) [Map Applications](#)

Specified Search
 File Number=0004449033

Matches 1- 1 (of 1)

☐ = Open Petition For Reconsideration (PFR) Status
☐ = Termination Pending or Terminated

Page 1

File Number	Call Sign/Lease ID	Applicant Name	FRN	Purpose	Radio Service	Receipt Date	Status
1 0004449033	WQNF489	EFFINGHAM, COUNTY OF	0020233862	New	PW	11/10/2010	Granted

Page 1

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The results of our search by file number looks very much like our search by call sign. The File Number is a link to additional information.

Application Tabs

JLS Application
Public Safety Pool, Conventional - 0004449033 - EFFINGHAM, COUNTY OF

[New Search](#)
[Refine Search](#)
[Return to Results](#)
[Printable Page](#)
[Reference Copy](#)
[Map Application](#)

MAIN ADMIN SERVICE SPECIFIC LOCATIONS FREQUENCIES			
File Number	0004449033	Radio Service	PW - Public Safety Pool, Conventional
Call Sign	WCNT-489	Application Status	G - Granted
General Information			
Application Purpose	NE - New		
Existing Radio Service			
Authorization Type	Regular	Emergency STA	
Receipt Date	11/10/2010	Action Date	01/19/2011
Entered Date	11/10/2010	Requested Expiration Date	
Waiver	No	Number of Rules	
Attachments	No	Grandfathered Privileges	No
Application Fee Exempt	Yes	Regulatory Fee Exempt	Yes
Major Request	Yes		
Applicant Information			
FRN	0020233862 View Ownership Filings	Type	Governmental Entity
Name	EFFINGHAM, COUNTY OF 101 N. FOURTH ST. EFFINGHAM, IL 62401 ATTN CHIEF DEPUTY, SHERIFFS OFFICE		P:(217)342-2101 F:(217)540-8647
Real Party in Interest		FRN of Real Party in Interest	

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This is the Main tab. Much like this same tab on the License record, it provides information about the licensee, identifies the proposed radio service and gives the status of the application. If you need a copy of the application, you can obtain a PDF copy by clicking on the Reference Copy link highlighted. Just like the License Search, there are several tabs providing additional information.

Application Admin Tab

MAIN		ADMIN		SERVICE SPECIFIC		LOCATIONS		FREQUENCIES	
File Number	0004449033			Radio Service	PW - Public Safety Pool, Conventional				
Call Sign	WQNF489			Application Status	G - Granted				
General Information									
Mode	Batch			PFR Status					
VEC/Coordinator/COLEM	Associated Public Safety Com Offcirs Inc								
Auction ID				Source	SiteSafe				
Change Type				Overall Change Type					
Signature									
Signature Information	JOHN LOY			Title	CHIEF DEPUTY				
Comments									
Description					Date				
None									
History									
Date	Event								
01/20/2011	Authorization Printed								
01/19/2011	Application Granted								
01/19/2011	Redlight Review Completed								
All History (9)									
Attachments									
Type	Description			Date Entered					
None									

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This is the Admin tab. You can see the complete history of the application here. The history can give you an indication of reviews the FCC has completed or what they may still be working on. If the FCC returns or dismisses an application or if a pleading is filed against an application, a copy of the notice will be uploaded at the bottom of this page.

Application Tabs (Mod)

ULS Application
Public Safety Pool, Conventional - 0008126732 - NANCE, COUNTY OF

[New Search](#)
[Refine Search](#)
[Printable Page](#)
[Reference Copy](#)

MAIN	ADMIN	TRANS LOG	SERVICE SPECIFIC	LOCATIONS	FREQUENCIES
File Number	0008126732	Radio Service	PW - Public Safety Pool, Conventional		
Call Sign	WQSG759	Application Status	G - Granted		
General Information					
Application Purpose	MD - Modification				
Existing Radio Service					
Authorization Type	Regular	Emergency STA			
Receipt Date	03/09/2018	Action Date	03/15/2018		
Entered Date	03/09/2018	Requested Expiration Date			
Waiver	No	Number of Rules			
Attachments	No	Grandfathered Privileges	Yes		
Application Fee Exempt	Yes	Regulatory Fee Exempt	Yes		
Major Request	Yes				

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The Trans (or Transactions) Log tab appears when the application is for an Amendment, Modification, Renewal Modification, Renewal Only, Administrative Update, Duplicate, Cancellation, or Data Correction filing.

Application Trans Log Tab

MAIN	ADMIN	TRANS LOG	SERVICE SPECIFIC	LOCATIONS	FREQUENCIES
File Number	0008126732	Radio Service	PW - Public Safety Pool, Conventional		
Call Sign	WQSG759	Application Status	G - Granted		
Transactions					
Date	Description	Existing Value	Requested Value		
03/09/2018	Type of Service: Broadcast Services changed		N		
03/09/2018	Contact first name changed	DAVE	Ed		
03/09/2018	Contact last name changed	MOORE	Meedel		
03/09/2018	Contact company name changed	NANCE,COUNTY OF	Platte Valley Communications, Inc.		
03/09/2018	Contact PO box number changed		5556		
03/09/2018	Contact address changed	209 ESTHERST	3820 W. Arch Avenue		
03/09/2018	Contact city changed	FULLERTON	Grand Island		
03/09/2018	Contact zip code changed	68638	68802		
03/09/2018	Contact telephone number changed	3085362452	3083826212		
03/09/2018	Contact fax number changed	3085362453	3083841557		
03/09/2018	Contact email address changed	NANCESHERIFF@HAMILTON.NET	edm@pvcgi.com		

On the Trans Log tab, a list of the changes requested is displayed. You can see the date those changes were requested on and both the existing and requested values.

Application Service Specific Tab

MAIN		ADMIN		SERVICE SPECIFIC		LOCATIONS		FREQUENCIES	
File Number	0004449033			Radio Service	PW - Public Safety Pool, Conventional				
Call Sign	WQNF480			Application Status	G - Granted				
Land Mobile Data									
Extended Implementation (Slow Growth)	No			Associated Call Signs					
Eligibility									
90.20(A)	GOVERNMENT ENTITY PUBLIC SAFETY COMMUNICATIONS IN CORRECTIONS AND COURTHOUSE								
Frequency Coordinator Information									
Frequency Coordination Number	Frequency Coordinator Name			Telephone Number	Coordination Date				
26PWAP300220356	Associated Public Safety Com Officrs Inc			(386)322-2500	10/29/2010				
Has the application been successfully coordinated?				Yes					
Control Points									
Location Number	Action Performed			Control Point Location					
1	Add			101 N. FOURTH ST., EFFINGHAM, EFFINGHAM, IL P: (217)342-2101					

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Here is the Service Specific tab. It identifies if slow growth is requested, lists any associated call signs, provides the rule section under which the applicant qualifies for specific frequencies, and identifies the frequency coordinator who coordinated the application.

Application Locations Tab

MAIN		ADMIN		SERVICE SPECIFIC		LOCATIONS		FREQUENCIES	
File Number	0004449033			Radio Service	PW - Public Safety Pool, Conventional				
Call Sign	WQNF482			Application Status	G - Granted				
3 Total Locations				Locations Displayed:					
10 Locations per Summary Page				All Fixed Mobile Itinerant Temp Fixed S.I.M					
= Terminated or Termination Pending									
Action Performed	Location	Transmitter Address /Area of Operation				Latitude, Longitude			
Add	1 - Fixed	101 N. FOURTH ST. EFFINGHAM, IL EFFINGHAM County				39-07-17.0 N, 088-32-33.0 W			
Add	2 - Mobile	EFFINGHAM County, IL							
Add	3 - 6.1 meter control station	IL							

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The Locations Tab provides information about the sites that are part of the proposed system.

Application Location Information

MAIN		ADMIN		SERVICE SPECIFIC		LOCATIONS		FREQUENCIES	
File Number	0004449033			Radio Service	PW - Public Safety Pool, Conventional				
Call Sign	WONF482			Application Status	G - Granted				
3 Total Locations				Location: <input type="text" value="1 - EFFINGHAM, IL"/> <input type="button" value="GO"/>					
Return to Locations Summary									
Location 1 (Fixed)									
Frequencies (1)									
101 N. FOURTH ST. EFFINGHAM, IL EFFINGHAM County				Coordinates		39-07-17.0 N, 088-32-33.0 W			
Site Elevation (AMSL)	182.0m			Height w/o Appurtenances		12.2m			
ASR #/File #	N/A			Height w/ Appurtenances		15.2m			
Support Structure Type	TOWER - Free standing or Guyed Structure used for Communic								
Airport Identifier				Site Status		P			
NEPA Required	No								
Quiet Zone Notification Date				Quiet Zone Consent					
Is coordination with Canada required?									
Is coordination with Mexico required?									
Antenna 1									
Action Performed	Add								
HAAT	25.3			Hgt to Tip	15.2m		Polarization		
Azimuth				Beamwidth			Gain		

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More site details are provided if you click on the links. At the bottom of the fixed site page, you get the antenna information, just like on the License Search.

Application Frequencies Tab

MAIN ADMIN SERVICE SPECIFIC LOCATIONS FREQUENCIES									
File Number	0004449033				Radio Service	PW - Public Safety Pool, Conventional			
Call Sign	WQNF489				Application Status	G - Granted			
4 Frequencies for all locations 20 Frequencies per Summary Page					Filter Frequencies By Location: All Locations <input type="button" value="GO"/>				
= Terminated or Termination Pending					Define View: General COSER Emission IRAC				
Action Performed	Frequency	Loc#	Ant#	Freq ID	Station Class	Units	Paging Rec.	Output Power	Maximum ERP
Add	000154.88250000	1	1	1	FB2	1		50,000	50,000
Add	000154.88250000	2	1	1	MO	10		25,000	25,000
Add	000159.07500000	2	1	2	MO	10		25,000	25,000
Add	000159.07500000	3	1	1	FX1	1		25,000	25,000

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The Frequencies tab provides much the same information as the frequency tab in the License Search. There are also links to the COSER, Emission, and IRAC information. But there is no Buildout link however because that only applies to a granted license, not an application.

License Archive Search

Archive License Search
[Help Page](#)

RESET **SEARCH**

☐ Exact Matches Only
☐ Exclude Leases

Call Sign & Radio Services

Call Sign:

Radio Service Codes:
AA - Aviation Auxiliary Group
 AB - Aural Microwave Booster
 AC - Aircraft

Licensee

Name:
 FBN:

License Detail

Status: ☒ All ☐ Active ☐ Expired
☐ Canceled ☐ Terminated ☐ Termination Pending

Authorization Type: ☒ All ☐ Regular ☐ STA
☐ Developmental ☐ Demonstration

Version: ☐ Current Licenses ☐ Archived Licenses

Date Information

Date Type:
 Select a fixed date range:
 Date: From to
(Date Format: MM/DD/YYYY)

Customize Your Results

Results Display: matches per page sorted by in order

☐ Exact Matches Only
☐ Exclude Leases

*Please be aware that some combinations of search criteria may result in a longer wait.

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Now let's take a look at the License Archive Search. You can search by quite an assortment of license data. The Archives section will allow you to see the various stages of a license and its progression to the current version.

License Archive Search Results

FCC Federal Communications Commission

Universal Licensing Archive System

FCC > [NAB](#) > [ULS](#) > [Online Systems](#) > [Archive License Search](#)

ULS License Archive
Search Results
[New Search](#) [Refine Search](#) [Printable Page](#)

Specified Search
 Call Sign like KQA937
 Matches 1- 10 (of 14)

Page 1 2

Termination Pending
 Lease

Call Sign/Lease ID **Name** **FRN** **Radio Service** **Status** **Version** **Last Action Date**

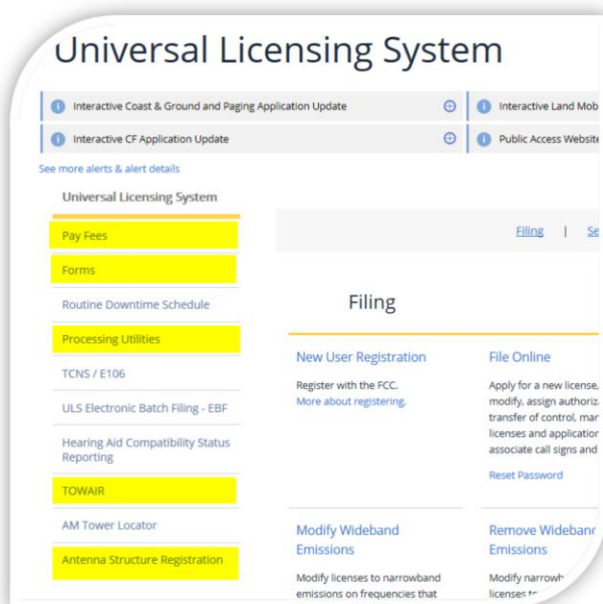
1	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	10/20/2000
2	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	02/27/2001
3	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	01/21/2004
4	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	06/16/2010
5	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	08/24/2010
6	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	11/04/2010
7	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	11/15/2010
8	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	01/12/2011
9	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	04/23/2012
10	KQA937	PORTAGE, COUNTY OF	0004844411	PW	Active	Archive	01/23/2013

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Your search results will show all versions of the license back to about 2000 or so, when ULS was put into service.

Tools

- Pay Fees
- Forms
- Processing Utilities
- TOWAIR
- Antenna Structure Registration



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Back once again at the ULS homepage on the left hand side, you can see that there are various helpful tools that are available to use. Some of the most commonly used ones are the Pay Fees section, Forms, Processing Utilities, TOWAIR and the Antenna Structure Registration database.

Pay Fees

FCC Pay Fees

[FCC](#) > [WTB](#) > [USF](#) > [Pay Fees](#) [FCC Site Map](#)

Welcome to FCC Pay Fees. You can pay for wireless applications which you have previously filed but have not made payment. If you are ready to pay for your wireless applications now, enter your FCC Registration Number (FRN) and password or FCC Username and password.

If logging in with your secure FCC Username and password, the Pay Fees system will prompt you to choose an FCC Registration Number (FRN) associated with the Username. Once an FRN has been selected, the Pay Fees system will direct you to the Payment Selection screen.

Please Note: Users are now able to log in with a Username account created through the [FCC User Registration System](#). Registering for a Username will allow a user to create, associate, and manage multiple FRNs through the [Commission Registration System \(CORES\)](#). For now, users may also continue to log into the Fee Filer system with an FRN.

Username Login
Note: The Username is the email address associated with your FCC Username Account.
Username:
Password:
[LOGIN](#)

Need a Username?
[REGISTER](#)
[Forgot your Username?](#)
[Forgot/Reset your Password?](#)

Payer FRN Login
Payer FRN:
Or Password:
[LOGIN](#)
Need an FRN? [Register with the FCC](#) to get one. [Forgot your FRN password?](#)

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The Pay Fees section allows you to pay fees that may apply to your application, such as regulatory or application filing fees. Most government entities are exempt from such fees. You'll need your FRN and password to login to this section.

Forms

- PDF forms
- Electronic Filing links
- Form instructions
- FCC Form 601

The screenshot shows the 'Forms' section of the APCO International website. On the left is a navigation menu with links: Overview, About Licensing, Databases, Fees, and Forms (which is highlighted). Below the menu are links for 'FCC Registration System (CORES)' and 'System Alerts & Notifications'. The main content area is titled 'forms' and contains text about PDF files, a note that all forms are PDF, and a list of current FCC forms. A table lists three forms: Form 44 (Application for Certification as an Accounting Authority, Jul 08), Form 45 (Annual Statistical Report of Settlement Operations, Jun 99), and Form 159 (Remittance Advice, Feb 2003). The 159 form is marked as 'Electronic Filing'. Below this, a note states that mailing addresses for forms not requiring electronic filing are in the fee filing guides. At the bottom, a link for '159-W Interstate Telephone Service Provider Worksheet' (Aug 08) is shown, also marked as 'Electronic Filing'.

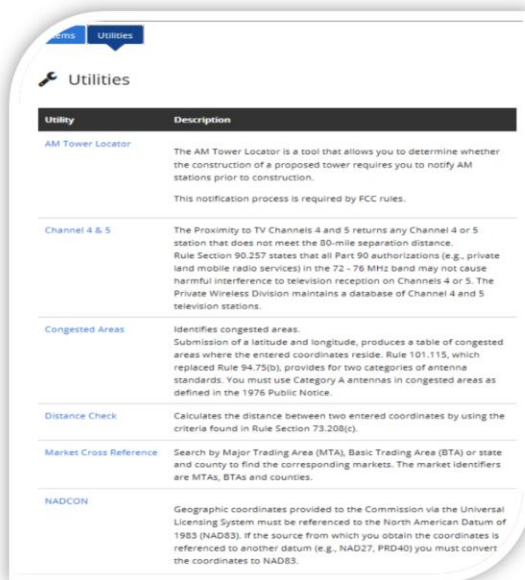
Form No.	Form Name	Edition Date
44	Application for Certification as an Accounting Authority	Jul 08
45	Annual Statistical Report of Settlement Operations	Jun 99
159	Remittance Advice	Feb 2003

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The Forms section provides you with access to PDF copies of the various FCC forms available, including the form instructions, and it provides electronic filing links where applicable. The FCC 601 form is what is used to apply for a new license to operate radio stations, modify existing licenses, and perform a variety of other miscellaneous transactions in the Wireless Telecommunications Bureau (WTB) radio services and/or the Public Safety and Homeland Security Bureau (PSHSB) radio services.

Processing Utilities

- Channel 4 & 5
- U.S. Border Regions
- Line A and Line C
- Population 200k and 600k



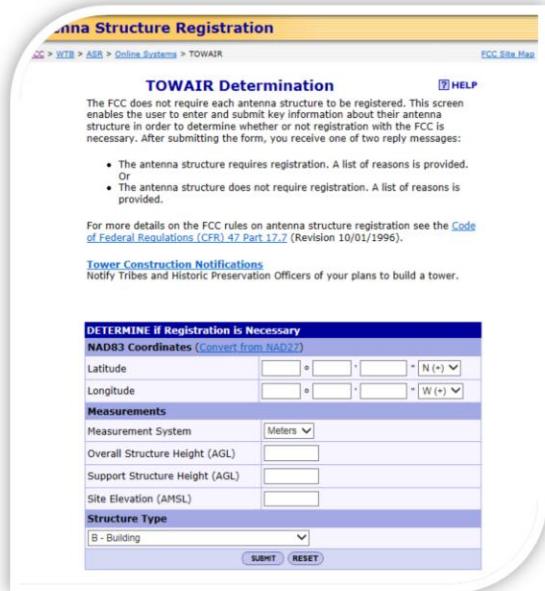
Utility	Description
AM Tower Locator	The AM Tower Locator is a tool that allows you to determine whether the construction of a proposed tower requires you to notify AM stations prior to construction. This notification process is required by FCC rules.
Channel 4 & 5	The Proximity to TV Channels 4 and 5 returns any Channel 4 or 5 station that does not meet the 80-mile separation distance. Rule Section 90.257 states that all Part 90 authorizations (e.g., private land mobile radio services) in the 72 - 76 MHz band may not cause harmful interference to television reception on Channels 4 or 5. The Private Wireless Division maintains a database of Channel 4 and 5 television stations.
Congested Areas	Identifies congested areas. Submission of a latitude and longitude, produces a table of congested areas where the entered coordinates reside. Rule 101.115, which replaced Rule 94.75(b), provides for two categories of antenna standards. You must use Category A antennas in congested areas as defined in the 1976 Public Notice.
Distance Check	Calculates the distance between two entered coordinates by using the criteria found in Rule Section 73.208(c).
Market Cross Reference	Search by Major Trading Area (MTA), Basic Trading Area (BTA) or state and county to find the corresponding markets. The market identifiers are MTAs, BTAs and counties.
NADCON	Geographic coordinates provided to the Commission via the Universal Licensing System must be referenced to the North American Datum of 1983 (NAD83). If the source from which you obtain the coordinates is referenced to another datum (e.g., NAD27, PRD40) you must convert the coordinates to NAD83.

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There are several Processing Tools available. I've listed just a few here that I commonly use. The Channel 4 & 5 tool is for determining proximity to TV Channels 4 & 5 when you are licensing VHF Low Band channels in the 72-76 MHz range. The US Border Regions tool is for determining the distance to various borders, such as the Canadian and Mexican Borders. The Line A & C Check tool determines whether the latitude and longitude coordinates entered are south of Line A or west of Line C with relation to the US-Canadian border. And the Population 200/600k tool provides access to population databases that are used to verify compliance with various FCC rule sections.

TOWAIR

- Enter key site information
- Lists reasons site registration is or is not required



The screenshot shows the 'Antenna Structure Registration' page, specifically the 'TOWAIR Determination' section. The page has a yellow header with the title 'Antenna Structure Registration' and a breadcrumb trail: 'APCO > WTR > ASR > Online Systems > TOWAIR'. A 'HELP' link is in the top right. The main text explains that the FCC does not require each antenna structure to be registered, but users must enter key information to determine if registration is necessary. Two bullet points list the possible outcomes: 'The antenna structure requires registration. A list of reasons is provided.' or 'The antenna structure does not require registration. A list of reasons is provided.' Below this, a link to the 'Code of Federal Regulations (CFR) 47 Part 17.7' is provided. A section titled 'Tower Construction Notifications' asks users to notify Tribes and Historic Preservation Officers if they plan to build a tower. The main form area is titled 'DETERMINE if Registration is Necessary' and includes fields for 'NAD83 Coordinates (Convert from NAD22)', 'Latitude', 'Longitude', 'Measurements' (with a 'Meters' dropdown), 'Overall Structure Height (AGL)', 'Support Structure Height (AGL)', and 'Site Elevation (AMSL)'. A 'Structure Type' dropdown is set to 'B - Building'. 'SUBMIT' and 'RESET' buttons are at the bottom.

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The TOWAIR tool is where you put in your new or modified location parameters and see if your site needs to have an ASR number. The FCC requires the latitude and longitude coordinates, the height of the structure with appurtenances and without appurtenances, elevation, and structure type. Please note that plain Tower is no longer an option. You need to define whether your tower is lattice, guyed, or a monopole. Also, do not choose NNGTANN, NNLTANN, or NNMTANN structure types unless your tower is part of an array.

TOWAIR Fail Result Example

TOWAIR Determination Results
[New Search](#)
[Printable Page](#)

This structure requires FAA notification and FCC registration, based on a check of the coordinates, heights, and structure type you provided. As detailed below, one or more of the determination results produced a "fail slope" result, which means registration is required.

***** NOTICE *****

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results							
FAIL SLOPE (100:1)FAA REQ - 489.0 Meters(1604.30 Feet) away & exceeds by 41.0 Meters (134.509 Feet)							
Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-12-35.00N	081-15-29.00W	PORTAGE COUNTY	PORTAGE RAVENNA, OH	363.6	1066.5

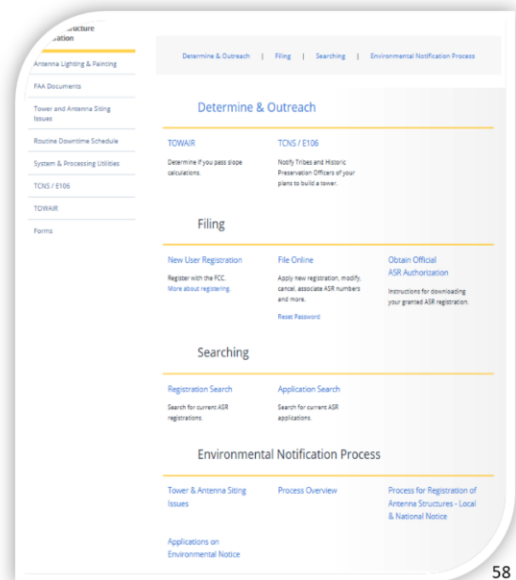
Your Specifications	
NAD83 Coordinates	
Latitude	41-12-51.0 north
Longitude	081-15-28.0 west
Measurements (Meters)	
Overall Structure Height (AGL)	54
Support Structure Height (AGL)	48
Site Elevation (AMSL)	356
Structure Type	
GTOWER - Guyed Structure Used for Communication Purposes	

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This is an example of what your results may look like if your site fails slope. With these results, your application cannot be sent to the FCC because the Electronic Batch Filing (EBF) program will bounce it for failing TOWAIR. You'll need to provide an ASR number or a pending ASR file number or an ASR exemption request showing that your site is shielded by existing structures or terrain.

Antenna Structure Registration

- TOWAIR
- TCNS/E106 – Tribal/Historic notification
- Filing new, modify, cancel, associate ASR numbers
- Searching registrations, applications



Under the Antenna Structure Registration (or ASR) database, you can access lots of information related to an ASR number. There is a link to the TOWAIR tool, which we just covered. You can also file Tribal/Historic notifications, make various ASR filings, as well as search for ASR numbers and applications.

TCNS/E106 – Tribal/Historic notification

FCC Federal Communications Commission

Section 106/TCNS Login

FCC > Wireless > Section 106 Filings

Log In

FCC Registration Number (FRN):

Password:

Take me to: ☐ Tower Construction Notification System
☐ Section 106 New Tower/Collocation Submission (Forms 620/621 Submission Packet)

[Login >>](#) [Forgot Password?](#)

[SHPO/THPOs participating online](#)

<< Enter your 10 digit FCC Registration Number (FRN). If the FRN you have been using is less than 10 digits, please add sufficient zeros to the beginning of your FRN until you have reached 10 digits (e.g. 12345678 becomes 0012345678).

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To file Tribal/Historic notifications regarding your sites, click on the TCNS/E106 link from the ASR home page and it will take you here where you'll login using your FRN and password.

ASR File Online

Filing

New User Registration

Register with the FCC.

[More about registering.](#)

File Online

Apply new registration, modify, cancel, associate ASR numbers and more.

[Reset Password](#)

Obtain Official ASR Authorization

Instructions for downloading your granted ASR registration.

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On the ASR home page, you will click on File Online to file for a new ASR or to modify, cancel, or associate ASR numbers.

ASR Login

FCC Federal Communications Commission **Antenna Structure Registration**

Login [Help](#)

FCC Registration Number (FRN):

Password:

[Login](#)

- [Don't Have an FRN?](#)
- [Forgot Your Password?](#)

Resources

- [Tower Construction Notification System \(TCNS\)](#)
- [E-105 System](#)
- [File Pleadings](#)
- [TOWAIR](#)
- [FAA Notice Criteria Tool](#)
- [Universal Licensing System \(ULS\)](#)

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Clicking on File Online takes you here where you will use your FRN and password to login to make any ASR filings. There are also a few quick links on the right hand side; some of which we've already explored.

ASR Registration Search

Searching

Registration Search

Search for current ASR registrations.

Application Search

Search for current ASR applications.

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To check out an ASR number, click on Registration Search from the ASR home page.

ASR Registration Search Options

Antenna Structure Registration

FCC > [NTE](#) > [ASR](#) > [Online Systems](#) > ASR Search [FCC.gov](#)

Registration Search [ADVANCED SEARCH](#)

Search for a Registration

By Registration Number
By FAA Study Number
By Owner Name
By File Number
By Owner Tin (requires ZIP)
By FCC ID
By Owner FRN

Narrow your search

State of Structure:

Owner ZIP Code:

Search by Tower Location

☒ Coordinate Search

Latitude: N (+)

Longitude: W (+)

Radius: Kilometers

Based on NAD83 (convert from NAD27)

☐ Location of Structure

City:

State:

County(s):

ZIP Code:

☒ all matches ☐ exact matches only

Narrow Your Search

Overall Height Above Ground:

☒ Any height

The ASR Registration Search enables you to search for a wide range of licenses in the Antenna Structure Registration system. The "Search for a Registration" enables you to search on basic elements of a registration, including registration number, FAA study number, FRN, and licensee name. The "Search by Location" enables you to look up a registration based on the location and height of a structure. You can also use the advanced search to perform more sophisticated searches based on numerous criteria.

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There are several search options to choose from and on the right you can put in the latitude and longitude coordinates of a specific tower and try to find an ASR that way.

ASR Registration Search Results

ASR Registration Search

Registration Search Results

[New Search](#) [Refine Search](#) [Printable Page](#) [Query Download](#) [Map Result\(s\)](#)

[ADVANCED SEARCH](#) [HELP](#)

Displayed Results

Matches 1-1 (of 1)
1 PA = Pending Application(s)

Specified Search

Registration Number like 1062526

Display: Basic View GO

	Registration Number	Status	File Number	Owner Name	Latitude/Longitude	Structure City/State	Overall Height Above Ground (AGL)
1	1062526	Constructed	A0073063	PORTAGE, COUNTY OF	41-12-51.0N 081-15-28.0W	RAVENNA, OH	54.3

Matches 1-1 (of 1)
1

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Here is what the ASR results of the search looks like. The ASR number is a link to the ASR record.

ASR Registration Details (top)

Registration Detail			
Reg Number	1062526	Status	Constructed
File Number	A0073063	Constructed	01/01/1992
EMI	No	Dismantled	
NEPA	No		
Antenna Structure			
Structure Type	TOWER - Free standing or Guved Structure used for Commu		
Location (in NAD83 Coordinates - Convert to NAD27)			
Lat/Long	41-12-51.0 N 081-15-28.0 W	Address	8240 INFIRMARY RD
City, State	RAVENNA , OH	County	PORTAGE
Zip	44266	Position of Tower in Array	
Center of AM Array			
Heights (meters)			
Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)		
356.3	54.3		
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances		
410.6	48.8		
Painting and Lighting Specifications			
None			
FAA Notification			
FAA Study	91-AGL-2463-OE	FAA Issue Date	02/28/1992
Owner & Contact Information			
FIRN	Owner Entity Type		
Owner			
PORTAGE, COUNTY OF		P: (330)297-3607	
Attention To: EMERGENCY MIGHT AGCY MARK GRIFFITHS		F:	

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The ASR record lists the status of the structure, such as whether it is constructed or dismantled. The latitude and longitude coordinates, structure heights, elevation and site address are also listed here, as well as contact information of the site owner.

ASR Registration Details (bottom)

Owner			
PORTAGE, COUNTY OF Attention To: EMERGENCY MGMT AGCY MARK GRIFFITHS 8240 INFIRMARY RD RAVENNA, OH 44266		P: (330)297-3607 F: E:	
Contact			
		P: F: E:	
Last Action Status			
Status	Constructed	Received	03/22/1999
Purpose	New	Entered	03/23/1999
Mode	Mail In (Manual)		
Related Applications			
03/22/1999 A0073063 - New (NE)			
Comments			
Comments			
None			
History			
Date	Event		
None			
Automated Letters			
None			

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The bottom half of the page provides links to filings or letters and other information related to that ASR. Note that if the information in the ASR record changes, it does not automatically update all licenses that have that ASR number in ULS. The ASR database and ULS database are separate from one another. If the ASR is updated, the licensee must file a license modification to update the site information so that they are licensed correctly and this usually requires coordination by a frequency coordinator.

ASR Application Search

Searching

Registration Search

Search for current ASR registrations.

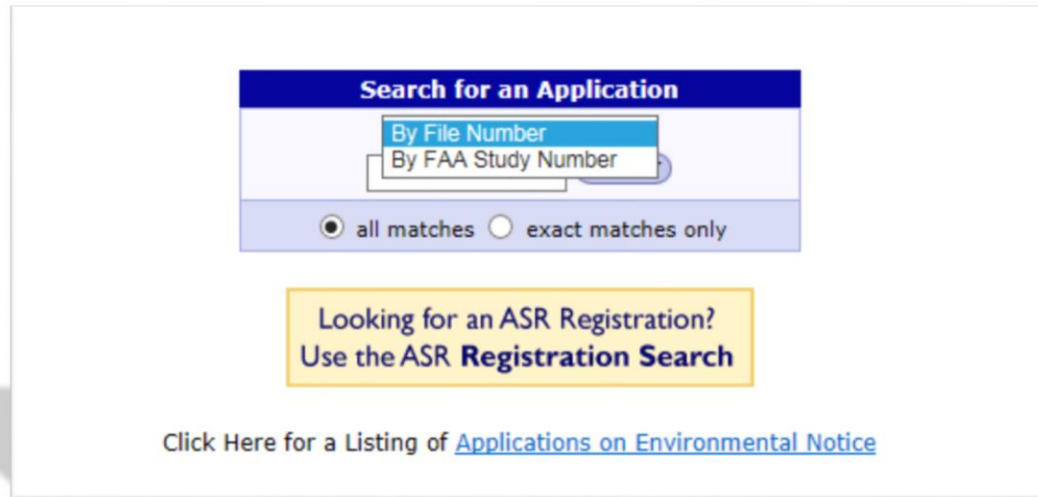
Application Search

Search for current ASR applications.

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On the ASR home page, you also have the ability to search for ASR applications.

ASR Application Search Options



The screenshot shows a web interface for searching ASR applications. It features a blue header bar with the text "Search for an Application". Below this, there are two search criteria: "By File Number" and "By FAA Study Number", each with a corresponding input field. A radio button is selected for "all matches", and there is an option for "exact matches only". A yellow box contains the text "Looking for an ASR Registration? Use the ASR **Registration Search**". At the bottom, there is a link: "Click Here for a Listing of [Applications on Environmental Notice](#)".

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However, your search options are limited to the ASR file number or the FAA Study number only. There is also a link to listings that are on environmental notice.

ASR Application Search Results

ASR Application Search

Application Search Results

[New Search](#) [Refine Search](#) [Printable Page](#) [Query Download](#) [Map Result\(s\)](#) [HELP](#)

Displayed Results

Matches 1-4 (of 4)
1

Specified Search

File Number like **A1101875**

Display:

Registration Number	Status	File Number	Owner Name	Latitude/Longitude	Structure City/State	Overall Height Above Ground (AGL)
1	Inactive	A1101875	New Hampshire Department of Transportation	43-08-55.0N 071-30-09.0W	Bow, NH	21.0
2	Inactive	A1101875	New Hampshire Department of Transportation	43-08-55.0N 071-30-09.0W	Bow, NH	21.0
3	Inactive	A1101875	New Hampshire Department of Transportation	43-08-55.0N 071-30-09.0W	Bow, NH	21.0
4	Pending	A1101875	New Hampshire Department of Transportation	43-08-54.5N 071-30-08.0W	Bow, NH	21.3

Matches 1-4 (of 4)
1

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Here is what the results of a pending ASR application search looks like.
Clicking on the File Number link takes you to the application record.

ASR Application Search Details (top)

ASR Application Search
Application A1101875

[New Search](#)
[Return to Results](#)
[Printable Page](#)
[Reference Copy](#)
[Map Application](#)

Application Detail			
File Number	A1101875	Constructed	
Registration Number		Dismantled	
NERA		EMI	No
Application Information			
Status	Pending	Date Received	03/19/2019
Purpose	Amendment	Entered	03/19/2019
Mode	Interactive		
Antenna Structure			
Structure Type	POLE - Any type of Pole		
Location (in NAD83 Coordinates - Convert to NAD27)			
Lat/Long	43-08-54.5 N 071-30-08.0 W	Address	Mile Marker 33.4N on Interstate 93 in Bow NH
City, State	Bow, NH		
Zip	03304	County	MERRIMACK
Center of AM Array		Position of Tower in Array	
Heights (meters)			
Elevation of Site Above Mean Sea Level		Overall Height Above Ground (AGL)	
132.9		21.3	
Overall Height Above Mean Sea Level		Overall Height Above Ground w/o Appurtenances	
154.2		21.3	
Proposed Marking and/or Lighting			
None			

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The application details are very similar to what we see in the ASR record, listing the site's location and other structure details.

ASR Application Search Details (bottom)

A Contact Information	
ASR	0027434818
Owner	Owner Entity Type Government Entity
New Hampshire Department of Transportation Attention To: Susan Klasen P.O. Box 483 7 Hazen Dr. Concord, NH 03302	
Contact	P: (603)419-0107 F: susan.klasen@dot.nh.gov E: turner@tilsontech.com
Turner, Terry Attention To: Terry Turner 16 Middle Street - 4th Floor Portland, ME 04101	
P: (207)956-3440 F: E: turner@tilsontech.com	

Environmental Compliance	
Does the applicant request a Waiver of the Commission's rules for environmental notice?	Is the applicant submitting a request for a waiver?
No	No
Is another Federal Agency taking responsibility for environmental review?	Does the applicant have another Federal Agency taking responsibility for environmental review?
No	No
Reason for another Federal Agency taking responsibility for environmental review	Basis for Certification
Name of Federal Agency	Local Notice Date
National Notice Date	
03/25/2019	
Certification Authorized Party: Turner, Terrance S Title: _____ Receipt Date: 03/19/2019	

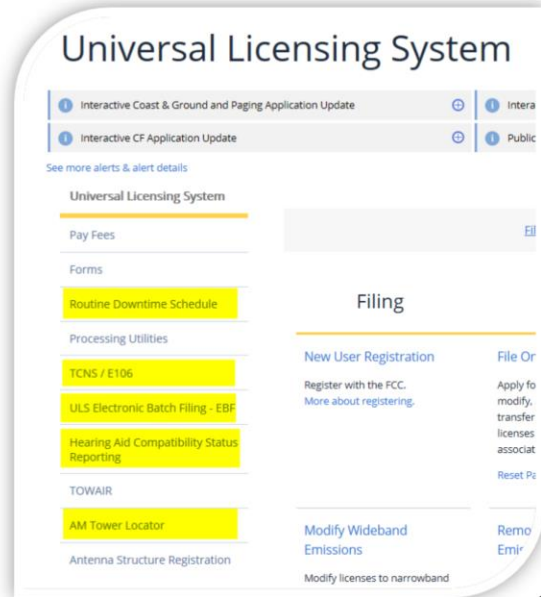
History			
Date	Event		
03/19/2019	Application Resubmitted		
02/26/2019	Return Letter Sent		
02/23/2019	Application Returned		
All History (4)			
Trans Log			
Date	Description	Existing Value	Requested Value
04/19/2018	Contact Information : Attention		Benjamin Hadden
04/19/2018	Contact Information : attention	Benjamin Hadden	
04/19/2018	Contact Information : Phone Number	2072329001	2073567454
All Trans Log (24)			
Pleadings			
Pleading Type	Filer Name	Description	Date Entered
None			
Automated Letters			
Date	Description		
None			
Attachments			
Type	Description	Date Entered	
None			

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You can also see the site owner and contact information, the environmental compliance details, as well as a complete history of the ASR application are here.

Other Tools

- Routine Downtime Schedule
- TCNS/E106
- ULS Electronic Batch Filing (EBF)
- Hearing Aid Compatibility Status Reporting
- AM Tower Locator



Some of the other tools from the left side menu on ULS are the Routine Downtime Schedule, the TCNS/E106 tool that we touched on earlier, information about ULS Electronic Batch Filing (EBF), Hearing Aid Compatibility Status Reporting, and the AM Tower Locator.

Routine Downtime Schedule

System Maintenance

Regular System Maintenance

Daily

Between 12 midnight and 2:00 a.m. Eastern Time (ET)

Systems Impacted

The following systems will be down and unavailable during specified times.

- ULS Online Filing
- ASR Online Filing

NOTICE:

- Complete all filing or exit the systems before 12 midnight ET.
- If filing while the system goes down, the connection will be terminated and your application will be saved as incomplete. Log in later to complete the filing.
- Any data not saved when the system goes down may be lost.
- We strongly encourage saving the application information frequently.

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The Routine Downtime Schedule lets you know when ULS is down for daily maintenance. Currently it takes place from 12 Midnight to 2 AM Eastern time every day. This downtime affects filing in the ULS and ASR databases during this time period but searches are unaffected.

ULS Electronic Batch Filing (EBF)

ULS Electronic Batch Filing

Public Access Website Pages Migrating to NEW Location

See more alerts & alert details

Systems & Utilities

Market Area Cross Reference

Universal Licensing System

Antenna Structure Registration

North American Datum Of 1983
Coordinates

Radio Services Listing

Tower Construction
Notifications

ULS Electronic Batch Filing

ULS Narrowbanding Tools

About

Fees

Documentation

ULS Electronic Batch Filing (EBF) is a process whereby an organization extracts data out of its database and formats batch applications that can be processed by ULS. This process ensures that the data in ULS and the data in the organization's database match and eliminates needless rekeying of applications.

The organization will use FTP to place batch files on an FCC webserver. ULS will pick up the files from that server and process the applications within each file. ULS will, in turn, place a response file out on the same webserver with information about each application that was in the inbound file. In the response file will be one or more data records per application from the inbound file. If an application's data is incomplete or incorrect, one or more error codes will be returned indicating what was wrong. If the application passes all validation checks, it will be entered into ULS, assigned a ULS file number and a fee will be determined, if appropriate. This information will be placed in the response file.

Each organization that files via electronic batch will be assigned its own area on the FCC webserver. Only the assigned organization can access this area and its files. An organization can file as many application files as it wishes per day. The only requirement is that they each be uniquely named so one file does not overlay another. Each response file will have the same name as the inbound file but

The ULS Electronic Batch Filing (or EBF) process is how the frequency coordinators file applications with the FCC. This section provides information on this process.

Hearing Aid Compatibility Status Reporting

Hearing Aid Compatibility (HAC)

Mobile wireless service providers and device manufacturers [are required](#) to offer handsets that are compatible with (do not cause interference with) hearing aids and cochlear implants.

How does the FCC determine whether a handset is hearing aid compatible? There are two measures used. First, all digital handsets have a rating for their ability to reduce interference with hearing aids operating in acoustic mode – from M1 to M4, with M4 being the best. Handsets are also rated – from T1 to T4 – for their ability to operate with hearing aids that contain a telecoil (a tightly wrapped piece of wire that converts sounds into electromagnetic signals) and operate in inductive coupling mode. The FCC considers mobile handsets to be hearing aid compatible if they are rated at least M3 for acoustic coupling and at least T3 for inductive coupling. A specific number or percentage of the handsets sold by handset manufacturers and mobile wireless service providers must meet these ratings. These companies file Hearing Aid Compatibility [Status Reports](#) annually, which contain information on the hearing aid-compatible handsets that they offer.

A list of all the hearing aid compatible handsets offered by manufacturers during the most recent reporting period is available [here](#), in both excel and pdf formats.

Related Information

[Consumer Fact Sheet](#) on Hearing Aid Compatibility

[Hearing Aid Compatibility Status Reports](#)

- [Reports by Handset Manufacturers](#)
- [Reports by Service Providers](#)

The FCC provides information regarding Hearing Aid Compatibility Status Reporting [here](#). This impacts mobile wireless services providers and device manufacturers.

AM Tower Locator

Am Tower Locator Map

Enter the latitude and longitude (in NAD 83), in decimal degrees, and height, in meters, of your tower to determine if you need to notify any AM Stations prior to building.

Latitude

Longitude

Tower Height

[Search](#) [Reset](#)

Need help converting to decimal degrees?
[Lat/Long Converter](#)

Need to convert NAD 27 to NAD 83?
[NADCON Computations](#)

The AM Tower Locator is a tool that allows you to determine whether the construction of a proposed tower requires you to notify AM stations prior to construction.

This notification process is required by FCC rules.

For more information about the rules, including the formulas used for calculation and the notification process, please read the FCC's order.



The AM Tower Locator tool lets you determine if you need to notify any AM Stations prior to building a proposed tower site. For this tool, you need to enter the latitude and longitude coordinates in decimal degrees format rather the degrees-minutes-seconds format and the FCC has a link to their Lat/Long Converter on this page to help you with that. If you also need to convert your coordinates from NAD 27 to NAD 83 data, there is also a link to that converter on this page.

Resources

- Quick Links on Search Pages
- ULS Resources
- “?” Help
- Support, Communications, Data



Here are a few other resources to help you get around ULS.

Quick Links on Search Pages

ULS Help	ULS Glossary - FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems	CORES - ULS Online Filing - License Search - Application Search - Archive License Search
About ULS	Privacy Statement - About ULS - ULS Home
Basic Search	By File Number <input type="text"/> <input type="button" value="SEARCH"/>

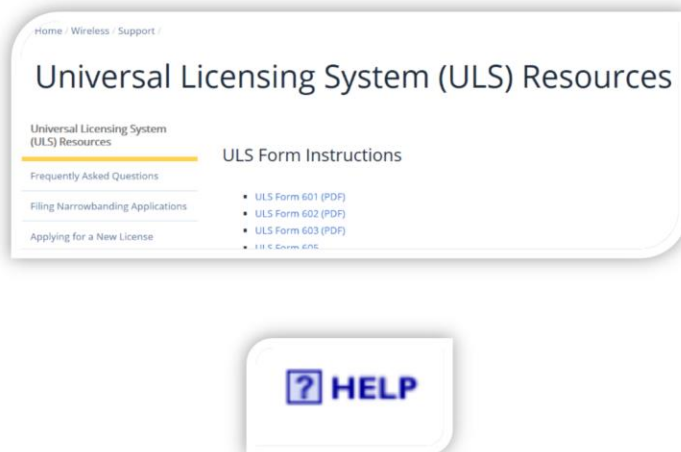
ULS Help	ULS Glossary - FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems	CORES - ULS Online Filing - License Search - Application Search - Archive License Search
About ULS	Privacy Statement - About ULS - ULS Home
Basic Search	By Call Sign <input type="text"/> = <input type="text"/> <input type="button" value="SEARCH"/>

ASR Help	ASR License Glossary - FAQ - Online Help - Documentation - Technical Support
ASR Online Systems	TOWAIR - CORES - ASR Online Filing - Application Search - Registration Search
About ASR	Privacy Statement - About ASR - ASR Home
Registration Search	By Registration Number <input type="text"/> <input type="button" value="SUBMIT"/>

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Many of the sections we discussed today are not only accessible from the main ULS page, but are also accessible via quick links at the bottom of the ULS search pages. The examples shown here are what you will find at the bottom of the Application Search, License and Archive Searches, and ASR Search pages. You can see that you are able to access various ULS support items, get back to the ULS home page, or even do basic searches. However, I have found that the ULS Glossary link does not work. To get to the glossary, you need to use the Online Help link instead.

ULS Resources and Help



There is also a ULS Resources page, which provides information on several common ULS tasks. These resources can be accessed either by clicking on the Technical or Licensing Support links at the bottom of the Search pages or by clicking on the Available Support Services link at the bottom of the main ULS home page. As we were going through this presentation, on a few of the slides you may have noticed a little boxed question mark with the word HELP at the top right of some of the ULS pages. When you see this question mark as you navigate through ULS, you can click on it to get help regarding the specific page you are on.

Support, Communications, Data

Need Support?	Communications	Data
<ul style="list-style-type: none">• Available Support Services• New User Registration• Licensing and Fees.	<ul style="list-style-type: none">• WTB Weekly Public Notices• WTB Recent Releases	<ul style="list-style-type: none">• Full Listing of Available WTB Data, Data Sets & Data Reports• Daily Transaction Files• Databases• 3650 Grandfathered Wireless Protection Zone Filings

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Near the bottom of the ULS home page, there are additional resources. This is where you'll find the Available Support Services link where I just mentioned you can find the ULS Resources. There is additional support regarding the New User Registration or CORES system and also help about the types of fees collected. The Communications section provides you with a link to weekly public notices and other recent releases. The weekly notices pertain to filings in ULS, providing lists of certain application filings and licenses in Termination Pending status. The other releases will include these weekly notices in addition to other public notices the FCC puts out. If you are subscribed to the FCC's Daily Digest, you may see many of these notices in your daily email. Finally, the Data section is where the FCC makes its daily transaction and public access files available for download from the various databases it maintains. These files are typically ZIP files and can be very large because sometimes they may contain ALL of the data from a particular database.

Q & A

Thank you for your time and interest.

Questions?

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Thank you for attending our webinar today.

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Visit AFC: www.apcoafc.org

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Here is our contact information for future reference. Have a great day!