



FCC IT Initiatives and Enhancements 2016

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System Enhancements and Projects

- I. ULS Geosearch Enhancements
- II. Updating the Electronic Comment Filing System (ECFS)
- III. ULS Modernization
- IV. Feedback and Discussion



ULS Geosearch Enhancements

- ULS Geosearch allows user to geographically search for licenses in designated areas. The Geosearch can be used stand-alone or collectively with:
 - Advanced Search
 - Market and Site Based Searches
 - Facility Id Search
 - Secondary Market Search and
 - Lease Specific Search
- Upgrade will eliminate the need to utilize outdated technology and improve the search result quality and reliability. The system will:
 - Provide accurate Geographic Search by using geographic coordinates from the GeoServer.
 - Deliver a smoother and faster web mapping experience for the users
 - Allow users to download GIS map files to view detailed boundary and location information for licenses in ULS.



ULS Geosearch Enhancements



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Universal Licensing System

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

[FCC Site Map](#)

License Search

[? HELP](#)

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 attributes 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

By Call Sign ▾ =

☐ 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 State, 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, COLEM, and more.

→ [GMRS](#)

→ [Ship](#)
MMSI#, Ship Name, and more.

Select
Geographic
Search

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, NPSPAC region, frequency range, and more.



ULS Geosearch Enhancements

Universal Licensing System

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License Search
Geographic Search
[License Search Home](#)

[? HELP](#)

[RESET](#)

Select Search [SEARCH](#)

Geographic Search Criteria

☐ Include Nationwide Area of Operations

☐ Include Continental Area of Operations

☐ Include Licenses with a Mobile Area of Operations

☐ Exclude Leases

☒ **State/County**
You may search on state, county, or both. Use the state list to filter the list of counties. Please be aware that searching on multiple states or counties may result in slower search results.

State(s)
North Mariana Islands
Ohio
Oklahoma
Oregon

County(s)
OK-TILLMAN
OK-TULSA
OK-WAGONER
OK-WASHINGTON

☐ **Address**
Street
City
State
ZIP Code
Radius Kilometers

☐ **Coordinates**
This search is based on NAD 83 coordinates ([convert from NAD 27](#)).
Latitude ° ' " N (+) ▾
Longitude ° ' " W (+) ▾
Radius Kilometers ▾

Frequencies
☒ All Frequencies
Frequency ☐ Exact MHz



ULS Geosearch Enhancements

[? HELP](#)

License Search

Search Results

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

Specified Search

State = **Oklahoma**County = **TULSA**Matches **841- 850** (of 1247)**PA** = Pending Application(s)
TP = Termination Pending
L = Lease[PREVIOUS](#)Page [81](#) [82](#) [83](#) [84](#) [85](#) [86](#) [87](#) [88](#) [89](#) [90](#)[NEXT](#)

Call Sign/Lease ID	Name	FRN	Radio Service	Status	Expiration Date
841 WPQN326	Emmerson Enterprises, Inc.	0001542216	CZ	Active	06/12/2010
842 WPQN426	Mobile Radio Communications, Inc.	0002545051	CZ	Canceled	06/15/2010
843 WPQN434	Mobile Radio Communications, Inc.	0002545051	CZ	Canceled	06/15/2010
844 WPQN442	Mobile Radio Communications, Inc.	0002545051	CZ	Canceled	06/15/2010
845 WPQP332	Patrick, Arthur	0002504322	CZ	Canceled	07/19/2010
846 WPOQ210	Progeny LMS, LLC	0003943453	LS	Terminated	07/19/2010
847 WPOQ211	Progeny LMS, LLC	0003943453	LS	Terminated	07/19/2010
848 WPQR831	UNION PUBLIC SCHOOLS	0005783485	MW	Active	09/08/2010
849 WPQR832	UNION PUBLIC SCHOOLS	0005783485	MW	Active	09/08/2010
850 WPQR833	UNION PUBLIC SCHOOLS	0005783485	MW	Active	09/08/2010

Select
Call
Sign

Call Sign/Lease ID	Name	FRN	Radio Service	Status	Expiration Date
PREVIOUS	Page 81 82 83 84 85 86 87 88 89 90				NEXT

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"/> SEARCH



ULS Geosearch Enhancements



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Universal Licensing System

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ULS License

[HELP](#)

Microwave Public Safety Pool License - WPQR831 - UNION PUBLIC SCHOOLS

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

Select Map

MAIN	ADMIN	LOCATIONS	PATHS	MAP
Call Sign	WPQR831	Radio Service	MW - Microwave Public Safety Pool	
Status	Active	Auth Type	Regular	
Dates				
Grant	09/08/2000	Expiration	09/08/2010	
Effective	07/31/2007	Cancellation		
Control Points				
1	3015 E SKELLY DR STE 410, TULSA, OK P: (918)742-6236			
Licensee				
FRN	0005783485 (View Ownership Filing)	Type	Governmental Entity	
Licensee				
UNION PUBLIC SCHOOLS 5656 S 129 EAST AVENUE TULSA, OK 74134 ATTN LEE SNODGRASS		P:(918)459-3329 F:(918)459-3366		
Contact				
RADIO DYNAMICS CORPORATION THU NGUYEN PO Box 10867 SILVER SPRING, MD 20914		P:(301)493-5171 F:(301)493-5162 E:FREQUENCYCOORDINATOR@RADYN.COM		
Microwave Data				
Oper Type	Permanent Fixed Point to Point	Station Class	FXO - Operational Fixed	
Ownership and Qualifications				
Radio Service Type	Fixed			
Regulatory Status	Private Comm	Interconnected	Yes	



ULS Geosearch Enhancements



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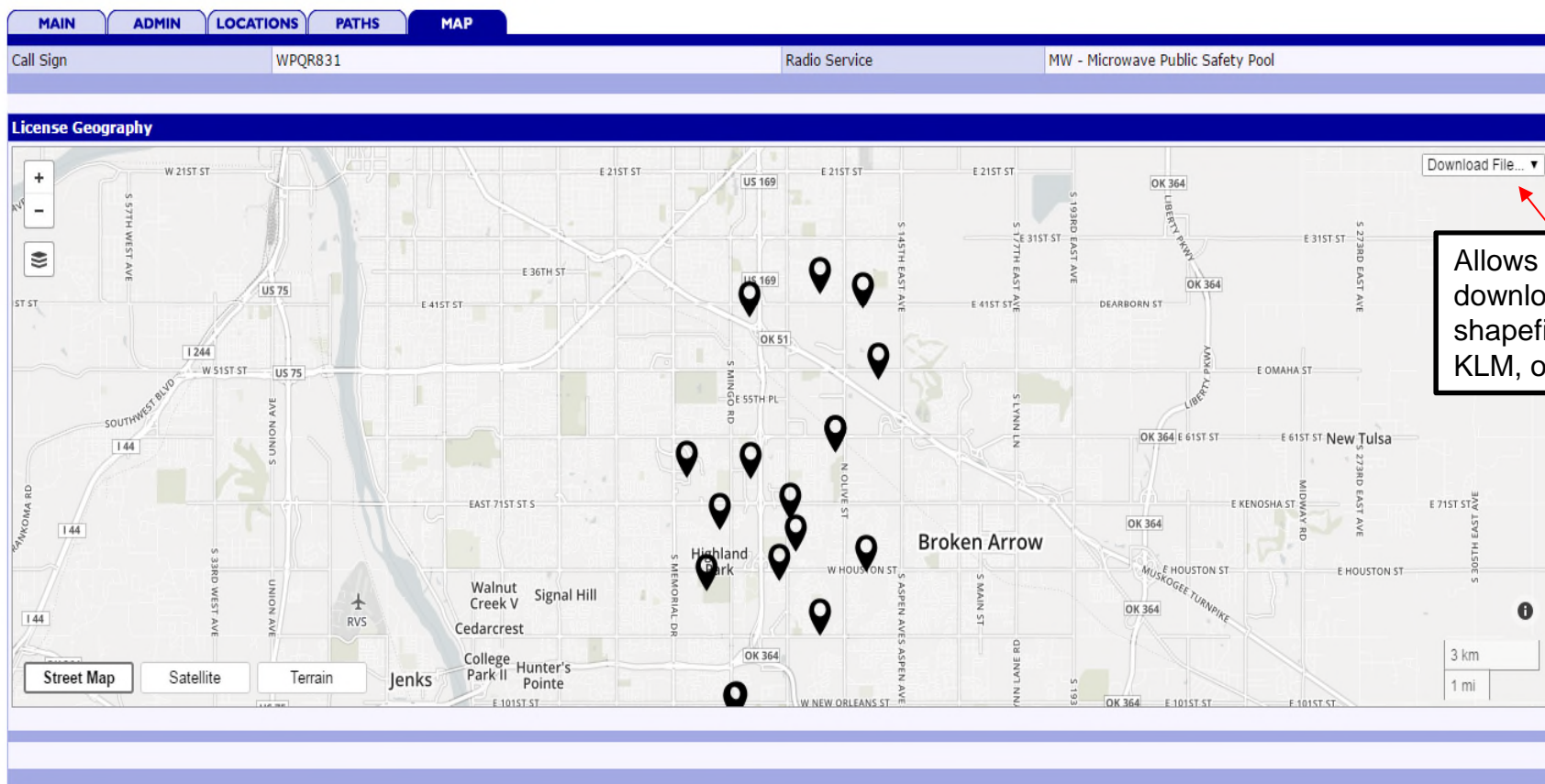
Microwave Public Safety Pool License - WPQR831 - UNION PUBLIC SCHOOLS

Locations Summary

[? HELP](#)

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

Point to point mapping locations



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](#)



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Common Carrier Fixed Point to Point Microwave License - WMN465 - OCOM CORPORATION

Locations Summary

Rectangular Area of Operation

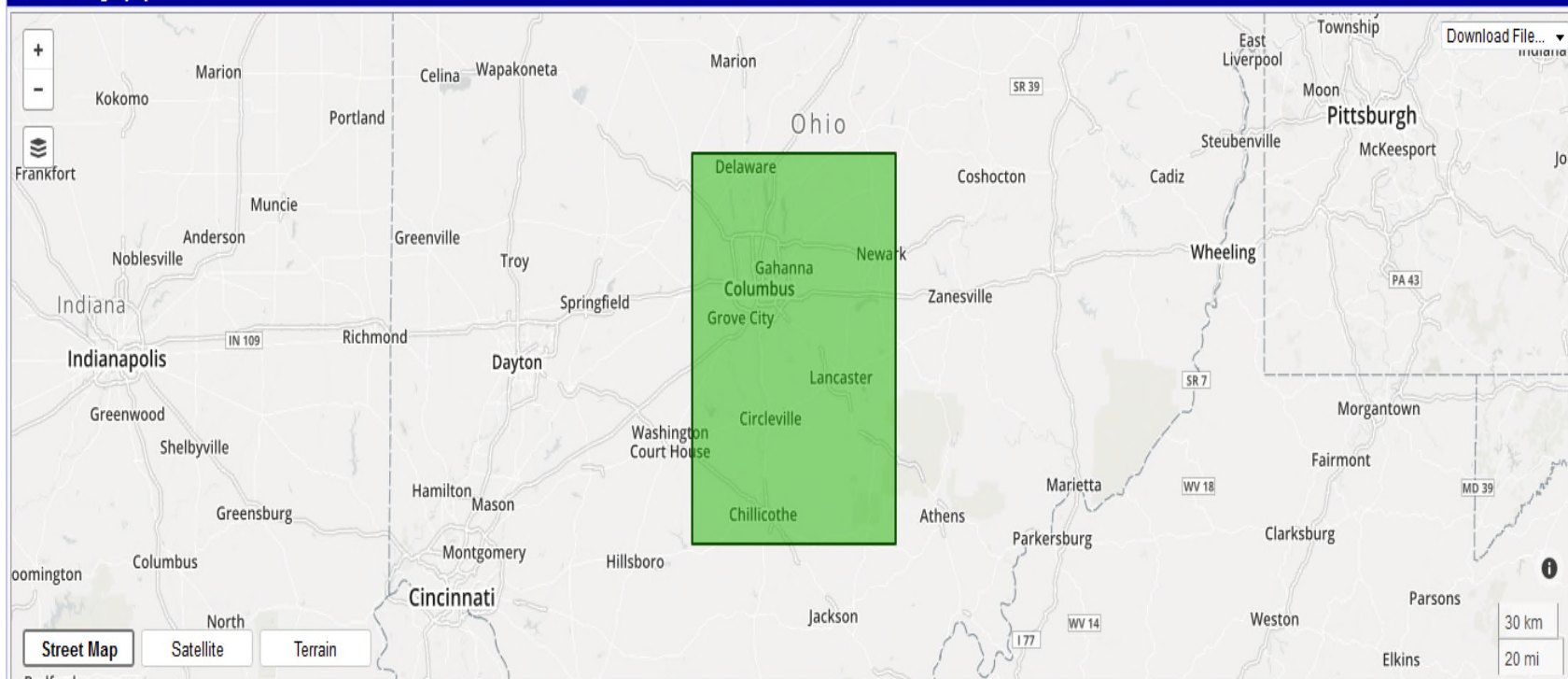
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MAIN ADMIN LOCATIONS PATHS MAP

Call Sign: WMN465 Radio Service: CF - Common Carrier Fixed Point to Point Microwave

License Geography





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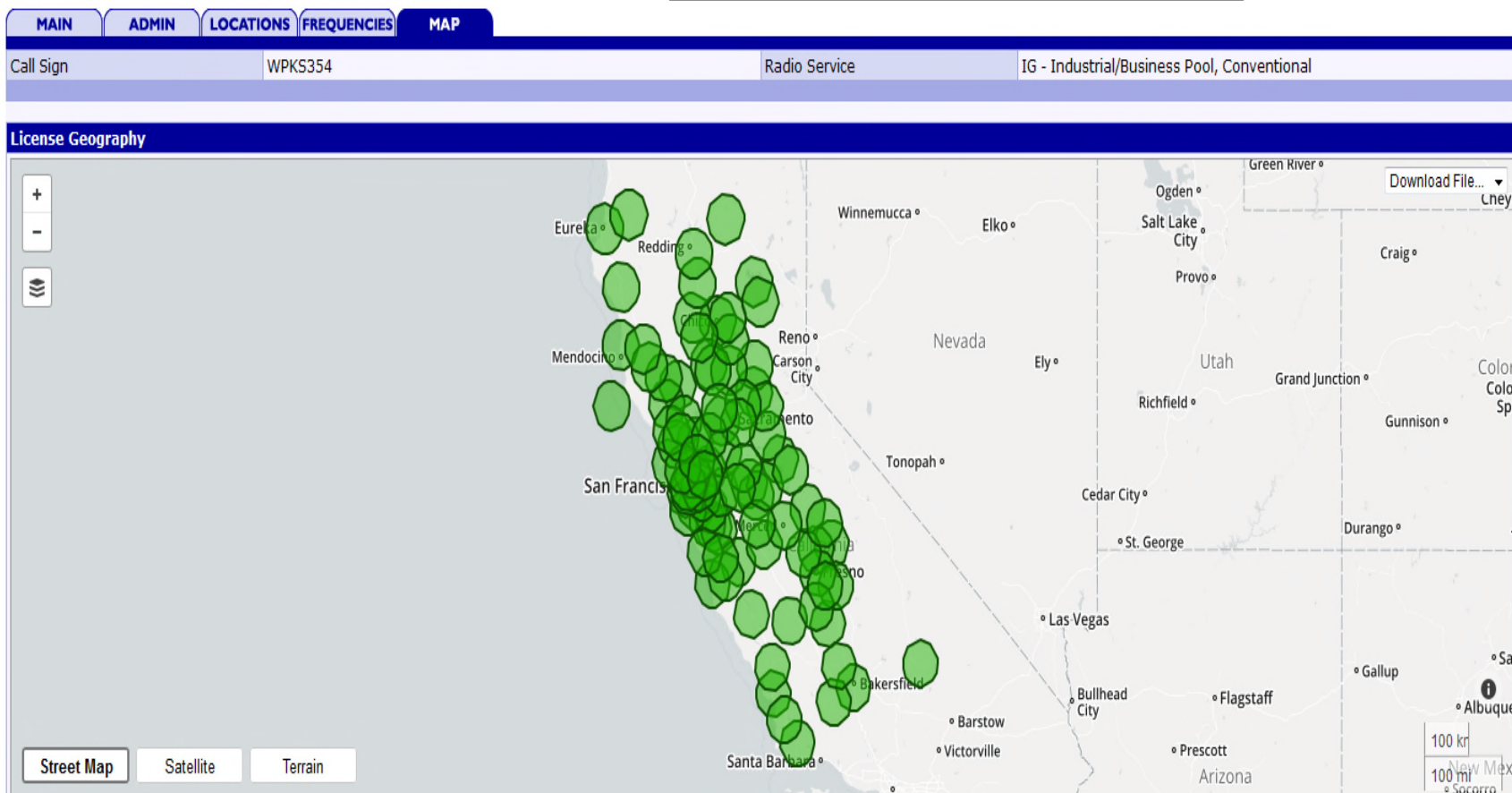
Industrial/Business Pool, Conventional License - WPKS354 - Pacific Gas and Electric Company

Locations Summary

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Mobile 32.0 km radius
around centerpoint





Electronic Comment Filing System (ECFS) Upgrade

The FCC is upgrading the Electronic Comment Filing System (ECFS). The new version provides the same features as the current ECFS combined with some dramatic improvements:

- Improved layout and functionality, making it easy to file comments, check filing status, and conduct research.
- Reliable, cloud-based designed to scale under heavy usage.
- Elegant and intuitive navigation making it easier to find what you're looking for and complete tasks faster.
- Available now for testing at <https://prototype.fcc.gov/ecfs>

Please try out the new system and provide feedback. You can send your comments to me at Dorothy.Stifflemire@fcc.gov.



Electronic Comment Filing System

THIS IS A PROTOTYPE FOR TESTING PURPOSES ONLY. Submissions on this site will NOT be added to the public record (but may become available in this test system). This test system contains a snapshot of ECFS as of 3-31-2016, plus test filings made during the testing period. Please tell us about your experience with this demo site by sending an email to ECFSfeedback@fcc.gov, or fill out the short survey at <http://goo.gl/forms/eSV9Cmu0gl>. If you'd like to make an official submission into the public record that will be considered by the Commission, please use the live Electronic Comment Filing System at <http://apps.fcc.gov/ecfs>.



Federal
Communications
Commission

Filings & Proceedings
SEARCH

Submit a
FILING

Check filing
STATUS

User
HELP

Staff
LOGIN

Search for Filings

Search for Proceedings

Browse Popular Proceedings

Welcome to the FCC's Electronic Comment Filing System. ECFS serves as the repository for official records in the FCC's docketed proceedings from 1992 to the present. The public can use ECFS to retrieve any document in the system, including selected pre-1992 documents.

Search All Public Filings

Please fill out at least one field to perform a search.

Search Full Text

"ULS Enhancements"

Specify Proceeding
(Optional)

Type to search Proceedings. Press ENTER key after each selection

Name of Filer

Law Firm

Attorney / Author

Date Received
Range

From

MM/DD/YYYY



To

MM/DD/YYYY



Posted Date Range

From

MM/DD/YYYY



To

MM/DD/YYYY



Comment Date

From

MM/DD/YYYY



To

MM/DD/YYYY



Reply Comment
Date

From

MM/DD/YYYY



To

MM/DD/YYYY





Electronic Comment Filing System

Filer's / Author's City	<input type="text"/>
State	<input type="text"/>
Zip	<input type="text"/>
Express Comment	<input type="text"/>
DA/FCC Number	<input type="text"/>
File Number	<input type="text"/>
Bureau ID Number	<input type="text"/>
Report Number	<input type="text"/>
Filing Type	<input type="text"/>
Ex Parte	<input type="text"/>
Clear	Search

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Filings

9 results (1487.384ms) RSS

1

9

2

1

PUB NOTICE

OUR MOTIVE

COMMENT

REPLY COMM

OUR MOTIVE

WT



ULS Modernization

On May 13, 2016 the Chiefs of the Wireless Telecommunications and Public Safety and Homeland Security Bureaus announced FCC was initiating a multi-year project to modernize ULS. The goals of the modernization effort include:

- Transitioning ULS to a new, integrated, cloud-based platform;
- Providing mechanisms for licensees, FCC staff and other stakeholders to conduct electronic licensing activities with more consistent performance, easier access to information, and enhanced functionality; and
- Providing APIs to improve the ability of licensees to utilize information from ULS.



ULS Modernization

We will be working to transition ULS in stages. This allows us to test a range of functions in the new platform that meet varying operational needs. We will begin transitioning:

- General Mobile Radio Services (GMRS);
- 3650-3700 MHz; and
- Point to Point Microwave

Communication with ULS licensees and end-users is paramount to the success of our modernization efforts. We will engage licensees throughout our process and will solicit input so we can address concerns and ensure a smooth transition. We are excited to work with our user community on this project.

You can review the blog at: <https://www.fcc.gov/news-events/blog/2016/05/13/modernizing-wireless-licensing-fcc>



Feedback and Discussion