Introduction To PerCon DataLinks

Tutorial #1 Last Revision: July 2003

Introduction

This tutorial was created as an introductory aid for new users to learn how to use the PerCon DataLinks system. This document is entry level and will be followed by a series of more advanced tutorials that cover additional topics in-depth.

Logging In To DataLinks

To access the DataLinks system, users must first login using the User ID and password provided by PerCon. To log in, do the following:

Step 1: Enter the User Id in the **Username** field and enter the password in the **Password** field.

Step 2: Click **Login** to log in to the DataLinks system.

Note: DataLinks User ID's and passwords are case-sensitive and must be entered in appropriate case to work properly.

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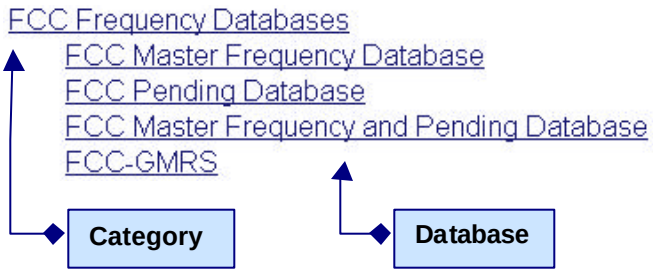
Overview Of DataLinks Features

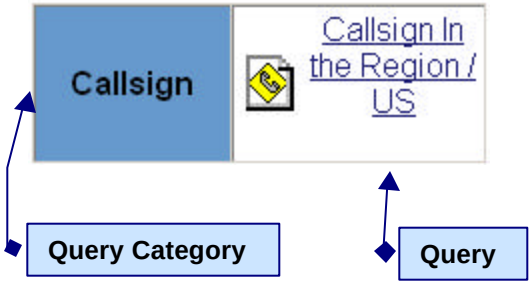
Categories And Databases

After logging in to the system, a list of database categories is displayed. The categories contain collections of similar databases typically grouped by database type or source. Clicking on a category will expand the category and display a list of databases within that category.



Queries

After selecting a category and database, a list of search queries is displayed divided into rows. Each row contains a collection of queries grouped together based on a similar field or group of fields. The rows are arranged alphabetically based on primary field name. Clicking on a query will display an entry form used to enter the criteria for the search.

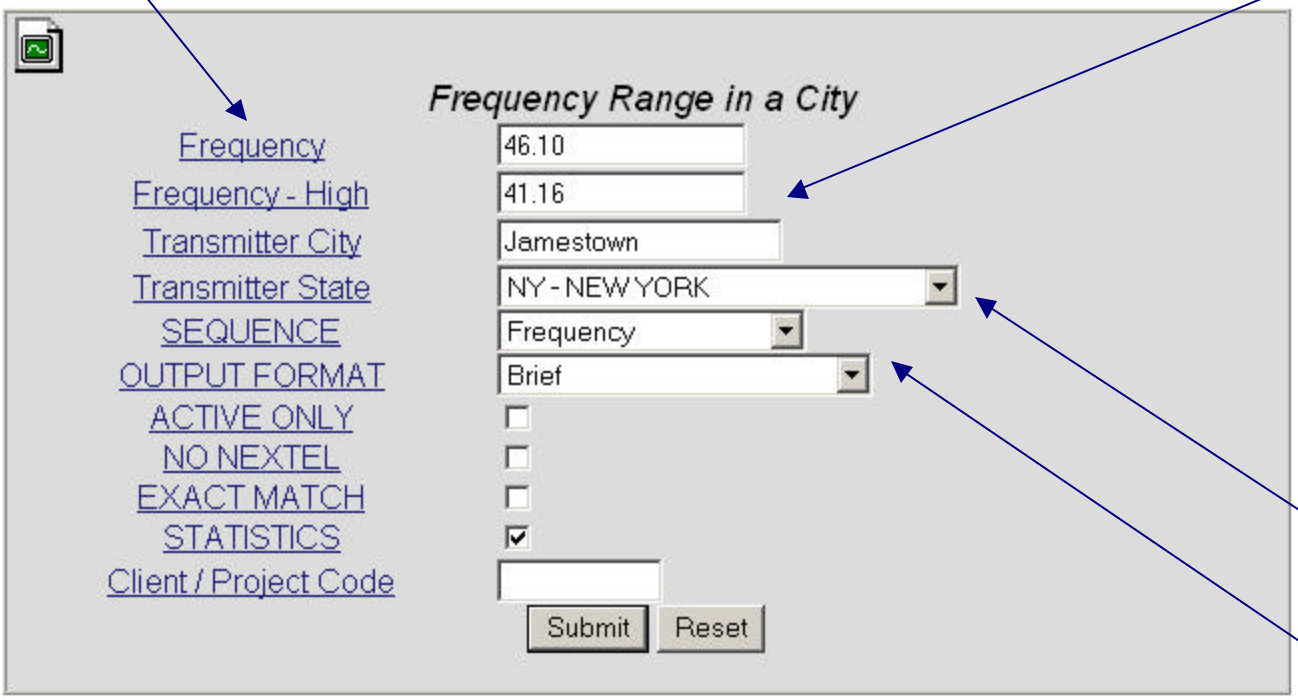


Pop-Up Help: Click on any field name to display pop-up help.

All of the entry forms displayed within the DataLinks system link to pop-up help windows. The pop-up windows are designed to help new and experienced users. By clicking on the field name on any form will display the help window and depending on the field type, various instructions and trouble-shooting information will be provided.

Text Fields: Click on a field and enter the search criteria.

Depending on the database and search selected, the entry form will display one to ten text entry fields. In the space provided, the user can enter the criteria for their search.



List Box: Click on the field and select a value from the list of available options.

Depending on the database and search selected, the entry form may contain a list box. The list box contains pre-defined criteria used in a search such as states or radio service codes. Click on the arrow at the end of the list to select an option.

Sequence & Output Format: Click on the fields and select the sequence and output format from the available choices.

Depending on the database and search selected, the entry form will provide various sequence and output format options. The Sequence allows the user to define the sort order of the search results. The Output Format allows the user to define format of the search results. The sequence and output options vary, but new users should use the default values when running searches.

Search FCC Frequency Database By Callsign

To search for records in the FCC Master Frequency File by callsign, do the following:

Step 1: After entering the User ID and password, click **Login** to enter the DataLinks system.

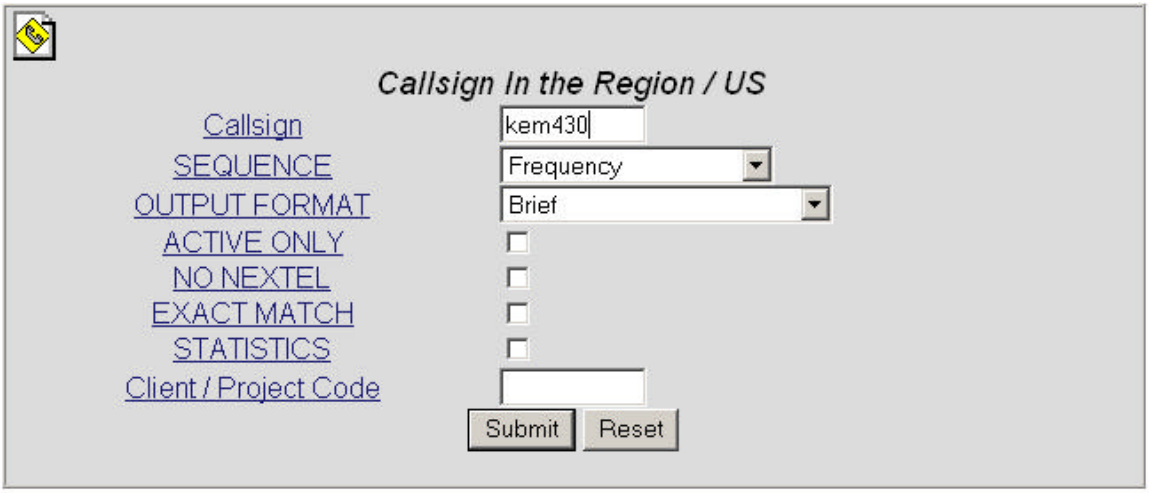
Step 2: Select the **FCC Frequency Databases** category.

Step 3: From the list of available databases, select **FCC Master Frequency Database**.

Step 4: The list of available queries will be displayed. Find the **Callsign** row and select **Callsign In The Region/US**.

Step 5: After selecting the Callsign query, a form similar to the one below is displayed. To run a callsign search enter a callsign in the **Callsign** field. A test value that can be used is **KEM430**.

The Callsign field is the only required field, meaning that all of the other fields do not need to be changed before the search is submitted. Changing the optional fields will help tailor the output user-defined requirements, but new users can use the default settings to run a search without understanding all of the optional fields.



The search criteria show in the above screen shot is valid and can be used as test values.

Step 6: Once data has been entered into the required fields and any option field values have been modified, click the Submit button to run the search.

> **Important:** Once a search has been submitted it cannot be stopped. If you make a mistake, DO NOT click the Stop button on your browser. Let the search finish, click the Back button and re-run the search with the correct criteria.

Step 7: After the search is completed, the search results are displayed. The results can be printed, saved as a web page or copied and pasted to another program just as any other web page can. To run another search, click the Back button on the browser toolbar and select a new query, database or category.

Search FCC Frequency Database By Frequency Range

To search for records in the FCC Master Frequency File by frequency range, do the following:

Step 1: After entering the User ID and password, click **Login** to enter the DataLinks system.

Step 2: Select the **FCC Frequency Databases** category.

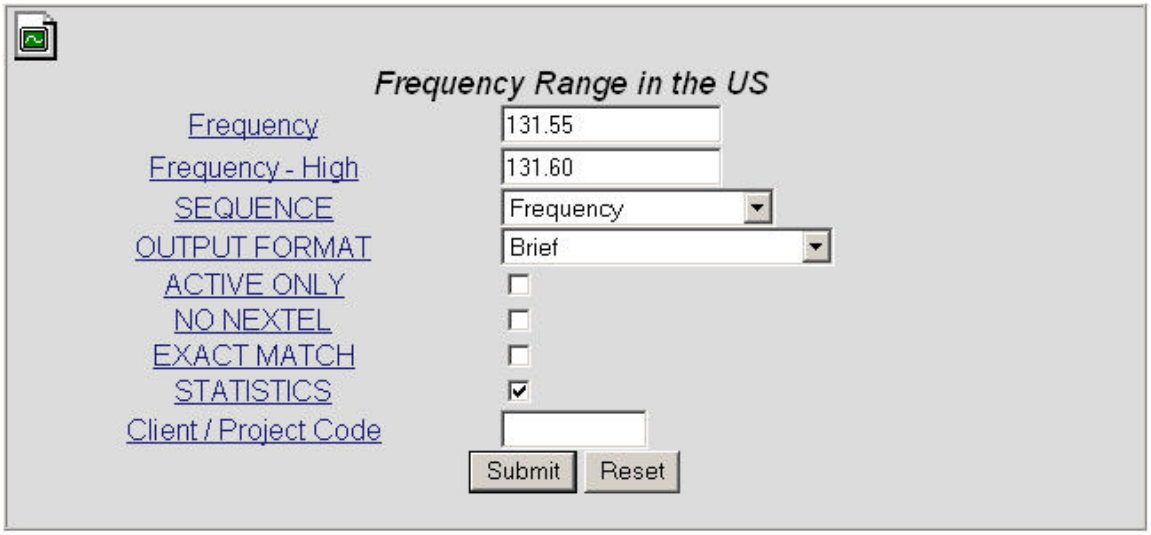
Step 3: From the list of available databases, select **FCC Master Frequency Database**.

Step 4: The list of available queries will be displayed. Find the **Frequency Range** row and select **Frequency Range In The US**.

Step 5: After selecting the frequency range query, a form similar to the one below is displayed. To run the search, enter the lower frequency in the **Frequency** field and the upper frequency in the **Frequency-High** field.

The Frequency and Frequency-High fields are the only required fields, meaning that all the other fields do not need to be changed before is submitted. Changing the optional fields will help tailor the output user-defined requirements, but new users can use the default settings to run a search without understanding all of the optional fields.

> **Important:** The Frequency and Frequency-High fields should only contain numeric data as show below. Do not include anv labels such as “MHz”.



The search criteria show in the above screen shot is valid and can be used as test values.

Step 6: Once data has been entered into the required fields and any option field values have been modified, click the Submit button to run the search.

> **Important:** Once a search has been submitted it cannot be stopped. If you make a mistake, DO NOT click the Stop button on your browser. Let the search finish, click the Back button and re-run the search with the correct criteria.

Step 7: After the search is completed, the search results are displayed. The results can be printed, saved as a web page or copied and pasted to another program just as any other web page can. To run another search, click the Back button on the browser toolbar and select a new query, database or category.

Search FCC Frequency Database By Radius

To search for records in the FCC Master Frequency File using a radius search, do the following:

Step 1: After entering the User ID and password, click **Login** to enter the DataLinks system.

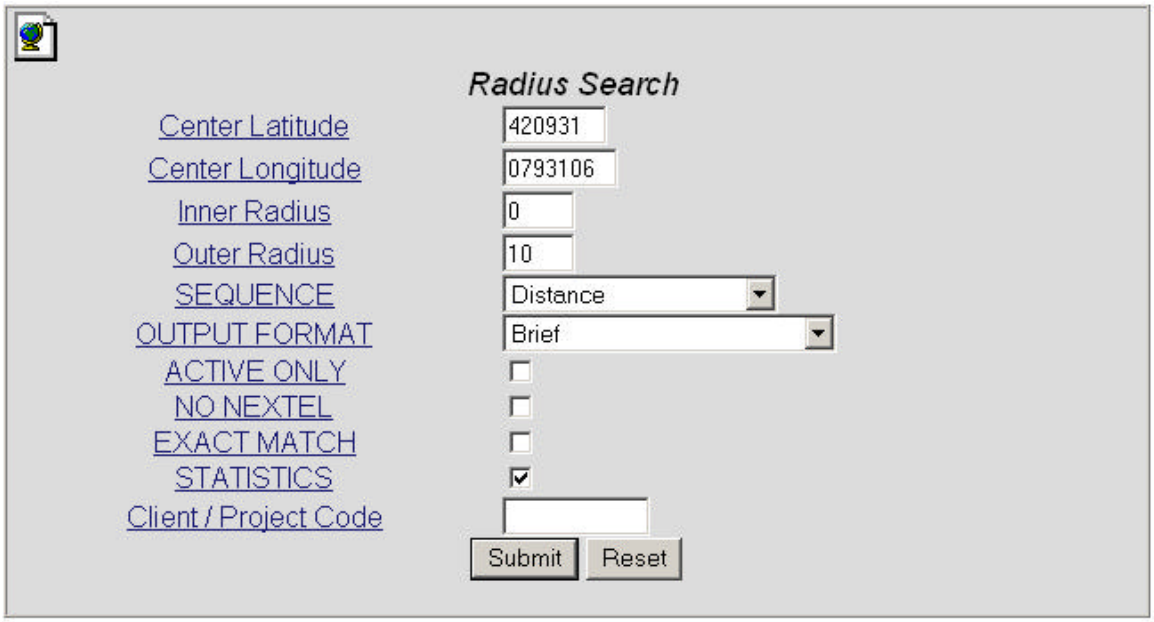
Step 2: Select the **FCC Frequency Databases** category.

Step 3: From the list of available databases, select **FCC Master Frequency Database**.

Step 4: The list of available queries will be displayed. Find the **Geographic / Radius** row and select **Radius Search**.

Step 5: After selecting the radius search, a form similar to the one below is displayed. To run the search, enter center latitude, center longitude and outer radius.

> **Important:** The Center Latitude field requires a 6-digit latitude in DDMMSS form. The Center Longitude field requires a 7-digit longitude in DDDMMSS form. Any longitude less than 100 degrees, requires a leading zero.
> To run a radius search, enter the radius distance in the Outer Radius field. The Inner Radius should be set to its default value of 0. The Inner Radius should only be used when performing donut searches.



The search criteria show in the above screen shot is valid and can be used as test values.

Step 6: Once data has been entered into the required fields and any option field values have been modified, click the Submit button to run the search.

> **Important:** Once a search has been submitted it cannot be stopped. If you make a mistake, DO NOT click the Stop button on your browser. Let the search finish, click the Back button and re-run the search with the correct criteria.

Step 7: After the search is completed, the search results are displayed. The results can be printed, saved as a web page or copied and pasted to another program just as any other web page can. To run another search, click the Back button on the browser toolbar and select a new query, database or category.

Search FCC Antenna Registration Database By Tower ID

To search for records in the FCC Antenna Registration File by tower ID, do the following:

Step 1: After entering the User ID and password, click **Login** to enter the DataLinks system.

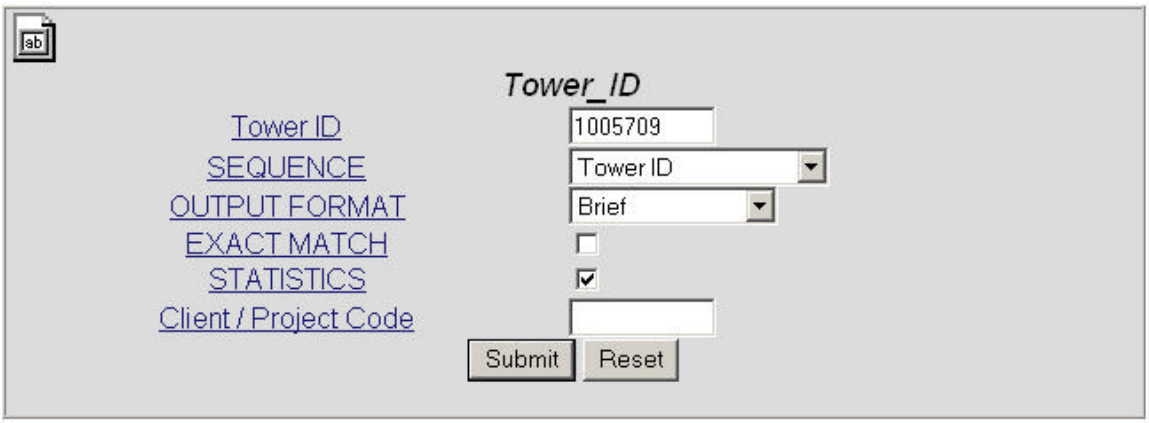
Step 2: Select the **FCC Antenna Registration Databases** category.

Step 3: From the list of available databases, select **FCC Antenna Registration Database**.

Step 4: The list of available queries will be displayed. Find the **ID** row and select **Tower ID**.

Step 5: After selecting the tower ID query, a form similar to the one below is displayed. To run the search, enter a callsign in the **Tower** field.

The tower ID field is the only required field, meaning that all of the other fields do not need to be changed before the search is submitted. Changing the optional fields will help tailor the output user-defined requirements, but new users can use the default settings to run a search without understanding all of the optional fields.



The search criteria show in the above screen shot is valid and can be used as test values.

Step 6: Once data has been entered into the required fields and any option field values have been modified, click the Submit button to run the search.

> **Important:** Once a search has been submitted it cannot be stopped. If you make a mistake, DO NOT click the Stop button on your browser. Let the search finish, click the Back button and re-run the search with the correct criteria.

Step 7: After the search is completed, the search results are displayed. The results can be printed, saved as a web page or copied and pasted to another program just as any other web page can. To run another search, click the Back button on the browser toolbar and select a new query, database or category.

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DataLinks Tutorials

Tutorial #1:
Introduction To PerCon DataLinks

Tutorial #2:
PerCon DataLinks Output Options

Tutorial #3:
DataLinks Frequency Finder

Tutorial #4:
PerCon DataLinks Co-Channel / Adjacent Channel Analysis