

ULS Database Public Access Files

The Antenna Structure Registration public access files are available for download. Three types of data files are created – applications, registrations and FAA determinations. Any of the popular "zip" utilities can be used to unzip the file. Unzipping a downloaded file causes a number of data files to be stored on your computer. Each zipped file contains a set of data files named *xx.dat* where *xx* are 2 unique characters to indicate the content of the specific data file.

Zipped Files. The zipped file contains either complete application, registration or determination data or daily application, registration, or registration data. Daily files contain only the previous day's transactions; i.e., those applications or registrations that were brand new or modified "yesterday." The name of each downloaded file identifies its content. The naming convention for complete files is *c_tower.zip* where *c* indicates the content, "R" for registrations, "A" for applications or "D" for determinations. The naming convention for daily files is *c_tow_ddd.zip* where *c* indicates the content, "R" for registrations, "A" for applications or "D" for determinations and *ddd* is the day of the week. For example, *a_tow_wed.ZIP* contains new or changed Tower applications from Wednesday. Zipped files contain several data files

The zipped files can be reached by going to the ULS home page and scrolling to the bottom of the home page. There you will see a list of hyperlinks under the heading "ULS Information Center." Under the item "Download ULS Data are two hyperlinks, "Download complete ULS Databases" and "Download ULS Daily Transaction Files." Click on either link as appropriate. Complete files are created Sunday morning and the daily files are created early Tuesday through Saturday mornings. The file created on Tuesday contains Monday data, Wednesday contains Tuesday data and so on.

NOTE: A file size of 110 bytes indicates that there were no new or modified applications or licenses for that radio service for that day.

Data Files. The data files produced by unzipping a downloaded file will vary depending on whether you are downloading applications, registrations or determinations. Each data file contains a specific type of data (e.g., names and addresses, location data) and the data is pipe-separated. Each record type starts with the same unique 2-character record type code that identifies the table from which the data was extracted. The last data field is not followed by a "|".

Each data file has a name of the form *xx.dat*, where *xx* indicates the content.

Definition Files. Three files containing definitions are available for downloading:

- *patower.xls* is an Excel file containing definitions of the data fields in the database tables.
- *towerddl.sql* contains the SQL for the table definitions.
- *towcodes.doc* contains meanings of codes for the code data elements in the tables.

Data Files

The data files for applications are:

RA application data
RS reason for returning or dismissing applications
EN names and addresses applicable to each application
EC environmental compliance data for each application
CO tower coordinates
RE FCC remarks
SC FCC special conditions
HS history for each application
AT indicates if application has attachments (Note: attachments are not included in the zip files)

The data files for registrations are:

RA registration data
EN names and addresses applicable to each registration
CO tower coordinates
RE FCC remarks
SC FCC special conditions
HS history for each registration

The data files for determinations are:

DE determinations
DP determination painting and lighting data
DR FAA determination remarks

Joining Data

Application data can be joined using the column named "File Number" or "Unique System Identifier". Registration data can be joined using "Registration Number" or Unique System Identifier". Determinations can be joined using "FAA Study Number".