A man with a beard is shown in profile, looking at a tablet device. He is standing in a field with rows of solar panels in the background. The entire image has a blue color overlay.

# USAC and the Connect America Fund Filing in the HUBB Portal

January 21, 2020



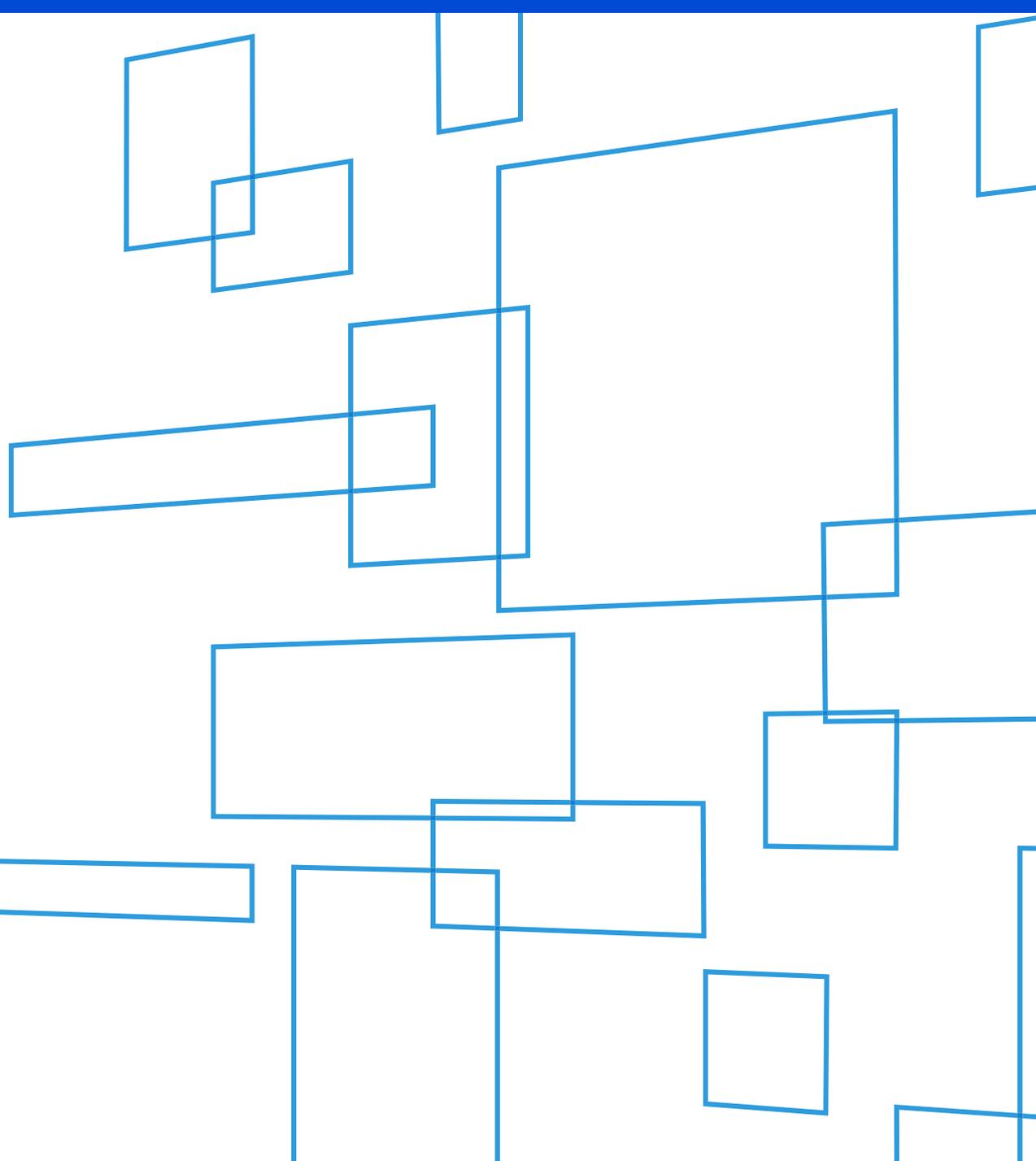
Universal Service  
Administrative Co.

## Housekeeping

- Use the “Audio” section of your control panel to select an audio source
- Turn on your computer’s speaker, or
- Use the call-in instructions (including audio PIN)

## Audience Q&A

- Submit your questions using the “Questions” box in your webinar control panel
- We will answer questions at the end of the presentation



# Today's Presenters

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**Joelle Tessler**

Senior Manager of Stakeholder Engagement, High Cost

**Tim Weith**

Senior Product Manager, High Cost

# High Cost Universal Broadband (HUBB) Portal

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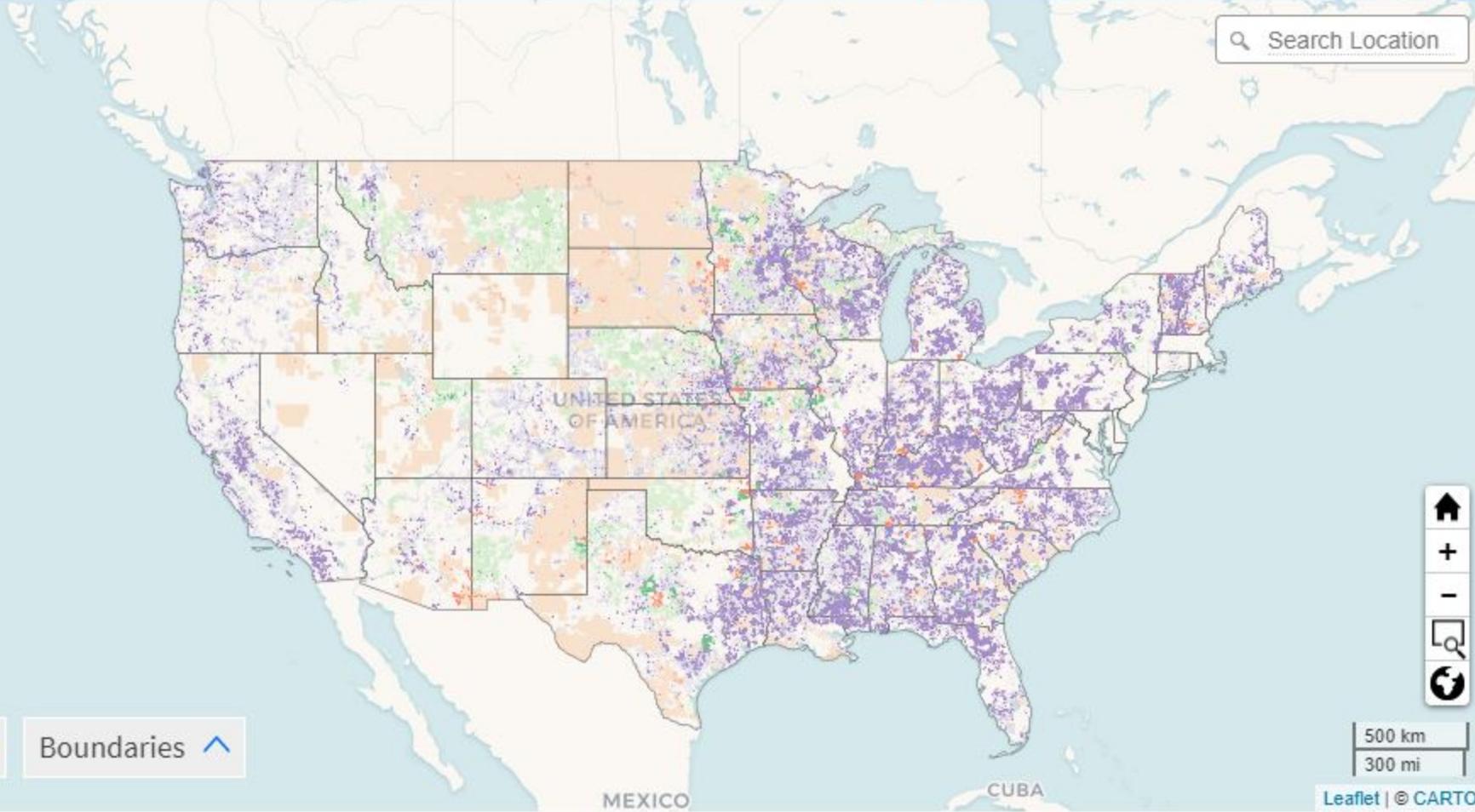
**A system that collects the geographic coordinates (latitude and longitude) of locations where carriers are deploying broadband using CAF support**

- A tool for collecting location-specific service availability data from carriers across all Connect America Fund (modernized) programs – millions of individual records
- Real-time validation of data submissions
- Serves as a platform for verification and compliance
- Provides the foundation for the CAF Map, a public map that shows the impact of CAF funding on broadband expansion across rural America
- Source of broadband deployment data for state PUC officials
- Began with the July 2017 filing for Price Cap carriers, followed by March 2018 and March 2019 filings for carriers participating in multiple modernized funds
- **Next HUBB filing deadline is March 2, 2020**

Feedback



Search Location



Legend ^

Boundaries ^

Leaflet | © CARTO

Fund

All Funds v

State

All States v

Company Name

Search Company Name

Speed (Applicable only to Local Data)

All Speeds v

Deployment Year

All Years v

Clear All Filters

State Data

Local Data

Displaying 1-25 of 762 records | [Download Data](#)

| State ▲ | Fund | Company Name | Deployment Year | Locations Obligation | Locations Deployed ? | Total Support Disbursed ? |
|---------|------|--------------|-----------------|----------------------|----------------------|---------------------------|
|---------|------|--------------|-----------------|----------------------|----------------------|---------------------------|

# HUBB Filing Obligations by Fund

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Carriers participating in the following funds have until **March 2, 2020** to file geolocation data for all locations deployed in **2019**:

- **Connect America Fund (CAF) Phase II:** CAF II carriers must be at least 80 percent of the way deployed toward their total build-out obligations by the end of 2019 or face potential loss of support. This 80 percent build-out milestone applies in each state where the carrier receives support.
- **Alternative Connect America Cost Model (A-CAM), Revised ACAM and ACAM II**
- **Connect America Fund-Broadband Loop Support (CAF-BLS):** All CAF-BLS carriers must file in the HUBB
- **Rural Broadband Experiments (RBE)**
- **Alaska Plan** (other than carriers with individualized performance plans that only require them to maintain service at existing levels)
- **CAF Phase II Auction** (optional)

Carriers that did not deploy any locations in 2019 must still log into the HUBB and certify "no locations to upload" by March 2, 2020.

# Funds New to the HUBB

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Several funds are new to the HUBB this year:

- **Revised A-CAM**
- **ACAM II** (ACAM II carriers have until March 1, 2021 to report pre-2019 broadband deployment)
- **CAF Phase II Auction** (optional - not required to file during the current window)

Also new this year: all CAF-BLS carriers are now subject to HUBB reporting obligations and have until March 2, 2020 to report broadband deployment completed in 2019

- This includes **CAF-BLS** carriers that were previously exempt from HUBB reporting obligations because they had already built out 10/1 Mbps broadband to at least 80 percent of their study area
- These carriers have until March 1, 2021 to report pre-2019 broadband deployment at speeds of at least 25/3 Mbps completed since May 25, 2016

# HUBB Data Filing Process

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Compile  
Data

Enter  
Data

Validate  
Data

Certify  
Data

Certify  
Milestone

Use templates to compile location data, using Geolocation best practices

Upload template with location data to the HUBB

Location data validated by HUBB – address any errors or warnings

Certifying Officer certifies location data in the HUBB

Certifying Officer certifies milestone in the HUBB (if applicable)

# HUBB Tips for Success

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- Collect accurate location data – use geo-location best practices
- Start filing early to identify and fix any data errors
- Ensure all of your users can successfully log into HUBB
  - Contact your company officer for updates to user accounts
- Check the version of your Internet browser
  - Check Help for currently supported versions
- Download and use the most current version of the template
  - Found in HUBB and on HUBB resource page
- **Make sure to Certify your data and milestone (if applicable) after it has been saved**

# HUBB Bulk Data Modifications and Deletions

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- Ability to change or delete multiple HUBB location records at once
  - Single location changes still available
- Separate CSV Templates for Modifications, Deletions and Additions (current)
- Modifications – changes to data fields for previously certified deployment locations
  - Speed Tier, Address, City, State, Zip Code, Carrier ID
  - Date of Deployment – Month and Day – (Year Requires FCC Approval)
  - Latitude and Longitude – within specific distance ( $\leq 36$  ft)
- Modifications & Deletions Must be Uploaded by Certifying Officer
- Deletions – removing previously certified deployment locations and replacing them
  - Changes to Deployment Year considered a deletion
  - Changes to Latitude and Longitude greater than specific distance ( $> 36$  ft)
  - Reason required for all Deletions
  - For Deleted Locations – Resubmit New Locations

# HUBB Home Screen

Select Application

HUBB 

Home

Manage Uploads

Location Details

Milestone Certification and Reporting

Select Holding Company/ Carrier Name

Carrier Name 

Carrier Name

## Deployment Information

ALASKA 

AK 

2019 

Progress for

Carrier Name



-  Locations certified towards target
-  Locations saved but not certified (Not yet counted towards your Target)
-  Locations not saved or certified

## Select Application

[Home](#)[Manage Uploads](#)[Location Details](#)[Milestone Certification and Reporting](#)

# Manage Uploads

Use the form entitled CSV Template to upload data. For more information on how to use these and how to format your data, click on Detailed Instructions and Filing Guidance Q&A. For bulk deleting data from previously uploaded file, use the form entitled Bulk Deletion Template. For bulk updating data from previously uploaded file, use the form entitled Bulk Modification Template.

The "deployment year" is derived by the system from the deployment date provided in each qualifying uploaded record that should be reported to USAC. The year associated with the deployment date is used as the "deployment year".

The HUBB permits carriers to file records for multiple deployment years at once. Timeliness is based on the due date for the deployment year associated with each record. That is, if records are filed prior to the deployment year due date, they are considered on-time. If records are filed after the deployment year due date, they are considered late. For example, on March 15, 2018, a CAF-BLS recipient files some records for the 2017 deployment year (report due March 1, 2018) and some records for the 2018 deployment year (report due March 1, 2019). The records associated with the 2017 deployment year are considered late as they were filed after the 2017 deployment year due date (March 1, 2018). The records associated with the 2018 deployment year are considered on-time as they were filed before the 2018 deployment year due date (March 1, 2019).

[Upload Location File](#)[No Locations To Upload](#)[Upload Bulk Deletion File](#)[Upload Bulk Modification File](#)

### Help with Uploading

[Detailed Instructions](#)[Filing Guidance Q&A](#)[CSV Template](#)[Bulk Deletion Template](#)[Bulk Modification Template](#)

## HUBB Manage Uploads Screen

### Resources

- Detailed Instructions Available
- Filing FAQ
- New Locations Template
- Bulk Deletion Template
- Bulk Modifications Template

### Actions

- Upload New Locations File
- No Locations To Upload
- Upload Bulk Deletion File
- Upload Bulk Modifications File

Upload Location File

No Locations To Upload

Upload Bulk Deletion File

Upload Bulk Modification File

## HUBB Manage Uploads Screen

### Recently Uploaded Files



| File Name                       | File Type         | Uploaded                 | Progress | Records Uploaded | Data Errors & Warnings | Data Details                 |
|---------------------------------|-------------------|--------------------------|----------|------------------|------------------------|------------------------------|
| Certified Modification 9-23.csv | Bulk Modification | Sep 23, 2019 11:04:15 AM | Complete | 1                | 0   0                  | <a href="#">Certify Data</a> |
| Certified Modification 9-23.csv | Bulk Modification | Sep 23, 2019 11:03:04 AM | Complete | 1                | 1   0                  | <a href="#">Error Log</a>    |
| Certified Deletion 9-23.csv     | Bulk Delete       | Sep 23, 2019 11:02:45 AM | Complete | 1                | 0   0                  | -                            |



- View Status of New Locations Uploads
- View Status of Bulk Modifications and Deletions
- Download and View Error Log
- Certify Data for New Locations and Modified Locations

×

### No Locations To Upload

Select Fund

Deployment Year

I certify that I am an officer of the reporting carrier

**613023 - UNITED UTILITIES INC.**

To the best of my knowledge, the information submitted to USAC and certified in the filing for this deployment report is accurate and information submitted to USAC and certified in earlier filings for the broadband deployment report continues to be accurate.

In the Deployment Year selected, the reporting carrier(s) did not deploy to any locations in eligible areas in satisfaction of its (their) public interest obligations (For example, if you selected 2018 in the drop down above, you are certifying that from January 1, 2018 to December 31, 2018 the reporting carrier(s) did not deploy to any locations in eligible areas in satisfaction of its (their) public interest obligations.)

**Please enter the holding company name:**

\*

**To sign digitally, please enter your name [MM SPO]:**

\*

## HUBB No Locations To Upload

Select Application

HUBB 

Home

Manage Uploads

Location Details

Milestone Certification and Reporting

## Location Details

Show locations by

Fund

AK PLAN 

Deployment Year

2020 

Status

Not Certified 

Uploaded From

From 

Uploaded To

To 

Show More 

Actions 

Certify

Delete

Revert

Download

Carrier Location ID 

Search Lat, Long, ID or SAC 

10 record(s). Select all 167 records that match the filters above.

| <input checked="" type="checkbox"/> | SAC    | Certified On | Carrier Location ID | Latitude  | Longitude   | Date of Deployment | Speed Tier | State | Locations | View/Edit   |
|-------------------------------------|--------|--------------|---------------------|-----------|-------------|--------------------|------------|-------|-----------|---|
| <input checked="" type="checkbox"/> | 613023 | 11/20/2018   |                     | 63.034618 | -163.553605 | 8/15/2018          | 1          | AK    | 1         |  |
| <input checked="" type="checkbox"/> | 613023 | 11/20/2018   |                     | 63.032551 | -163.557346 | 8/15/2018          | 1          | AK    | 1         |  |
| <input checked="" type="checkbox"/> | 613023 | 11/20/2018   |                     | 63.032441 | -163.555522 | 8/15/2018          | 1          | AK    | 1         |  |

## HUBB Location Details Screen

### Actions

- Certify Locations
- Delete Locations
- Revert Prior Certification
- Download Locations for Bulk Modifications and Deletions



Select Application

HUBB 

# HUBB Milestone Certification and Reporting Screen

Home

Manage Uploads

Location Details

Milestone Certification and Reporting

## Milestone Certification and Reporting

 Select a fund 

AK PLAN 

 State selected: AK 

 SAC selected: 613023 

Fields may automatically populate based on your uploaded file. You may edit your fields at any time.

In the table below, click a deployment year to view your uploaded locations by speed tier.

**Disclaimer:** This report provides feedback as data is added or removed from the HUBB. The information contained within this report is intended for informational purposes only to assist in compliance efforts and does not constitute a final determination of your compliance with the required performance obligations.

Build-out requirement (locations): 10008

| Deployment Year | Locations Ready For Certification | Certified Locations | % of Certified Locations | Milestone Obligation % | Milestone on Target? | Certified On | Milestone Certification Status | View History |
|-----------------|-----------------------------------|---------------------|--------------------------|------------------------|----------------------|--------------|--------------------------------|--------------|
| 2017            | 0                                 | 432                 | -                        |                        | -                    | -            |                                |              |
| 2018            | 0                                 | 178                 | -                        |                        | -                    | -            |                                |              |
| 2019            | 0                                 | 0                   | -                        |                        | -                    | -            |                                |              |
| 2020            | 0                                 | 0                   | -                        |                        | -                    | -            |                                |              |

## HUBB New Locations CSV Template



Fields with an Asterisk (\*) are Required

|   | A                | B         | C          | D                   | E                           | F        | G     | H      | I         | J           | K                   |
|---|------------------|-----------|------------|---------------------|-----------------------------|----------|-------|--------|-----------|-------------|---------------------|
| 1 | Study Area Code* | Latitude* | Longitude* | Date of Deployment* | Download/Upload Speed Tier* | Address* | City* | State* | Zip Code* | # of Units* | Carrier Location ID |
| 2 |                  |           |            |                     |                             |          |       |        |           |             |                     |
| 3 |                  |           |            |                     |                             |          |       |        |           |             |                     |
| 4 |                  |           |            |                     |                             |          |       |        |           |             |                     |
| 5 |                  |           |            |                     |                             |          |       |        |           |             |                     |
| 6 |                  |           |            |                     |                             |          |       |        |           |             |                     |
| 7 |                  |           |            |                     |                             |          |       |        |           |             |                     |
| 8 |                  |           |            |                     |                             |          |       |        |           |             |                     |
| 9 |                  |           |            |                     |                             |          |       |        |           |             |                     |

# HUBB Resources

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**For more information about the HUBB,**  
please visit the HUBB Resources Page  
on the High Cost Website:

<http://www.usac.org/hc/tools/hubb.aspx>

## **Resources include:**

Links to FCC Public Notices and Orders

FAQs

A Guide to Geolocation Practices

Data Formatting Instructions