



Auction 103

Initial Commitment System

User Guide

Updated: July 24, 2019

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Revision History

| Date | Section | Comments |
|---------------|---------|---|
| July 24, 2019 | 4.3 | Corrected a typographical error in Table 2 |
| | 5 | Clarified that the market population is not included in the “My Updated Holdings and FCC-Proposed Reconfiguration” download |

1. Introduction

This guide describes the features of the web-based FCC initial commitment system that incumbents will use in the initial commitment, an important step in the process that will reconfigure the 39 GHz band in preparation for Auction 103, the incentive auction that will offer new flexible use licenses in the Upper 37 GHz (37.6–38.6 GHz), 39 GHz (38.6–40 GHz), and 47 GHz (47.2–48.2 GHz) bands. Additional information for this auction can be found on the FCC Auction 103 website: www.fcc.gov/auction/103.

1.1. Conventions

In this guide screen names are Capitalized. Internet addresses are highlighted in blue, links in the initial commitment system are underlined, and the following text represents a Button.

Text boxes are used to indicate points where care is needed:



Most of the examples are for fictitious incumbent “Reliable Access, Inc.”, which in the FCC-proposed reconfiguration has license holdings in eight Partial Economic Areas (“PEAs”), including holdings equivalent to a partial block in one PEA. Some examples are for fictitious incumbent “Wireless Connection, LLC”, which has license holdings in seven PEAs in the FCC-proposed reconfiguration, including holdings in one PEA equivalent to a partial block that are subject to the de minimis rounding rule. The third fictitious incumbent, “RSP Company”, has license holdings in seven PEAs in the FCC-proposed reconfiguration, all of which are equivalent to full blocks.

In this guide, the term “incumbent” refers to an applicant that currently holds spectrum in the 39 GHz band and that has been identified by the FCC as qualified to bid in Auction 103 based on review of its FCC Form 175-A application. The terms “user”, “you”, and “authorized individual” refer interchangeably to an authorized individual identified on a qualified incumbent’s Form 175-A as an individual authorized to access the initial commitment system and to submit initial commitment options on behalf of the qualified incumbent.

1.2. Guide Structure

After this introduction, the guide is set out as follows:

- Section 2, Overview of the Initial Commitment Phase of Auction 103, provides a summary of the initial commitment process.
- Section 3, System Requirements and Access, describes the system requirements for accessing the initial commitment system and how to log in.
- Section 4, System Navigation and Overview, explains how to navigate the initial commitment system, and provides a summary of the screens available to incumbents.

- Section 5, Viewing Product Information, describes the incumbent's updated holdings and markets information.
- Section 6, Messages, describes the communications between the incumbent and the FCC.
- Section 7, Making an Initial Commitment, describes selecting and submitting initial commitment options.
- Section 8, Verifying Initial Commitments, describes how to obtain verification of your initial commitment.
- Section 9, Viewing Results, describes how to access results of the initial commitment phase.

There are also three appendices:

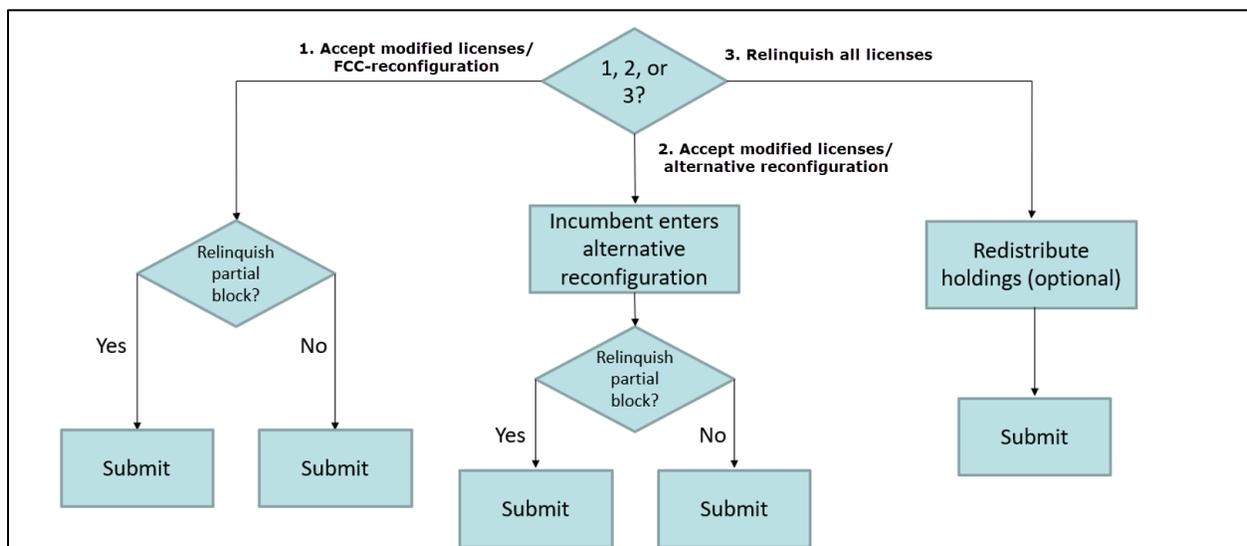
- Appendix 1, System Troubleshooting, provides troubleshooting tips for several different scenarios.
- Appendix 2, RSA SecurID® Token Information, provides additional information about RSA SecurID® tokens.
- Appendix 3, Glossary of Terms, contains a glossary of terms.

2. Overview of the Initial Commitment Phase of Auction 103

During the initial commitment phase, incumbent licensees in the 39 GHz band will select among three options for converting their existing spectrum usage rights to conform to the new Upper 37 / 39 GHz band plan adopted by the Commission. The options described below offer different opportunities for an incumbent to relinquish existing rights in exchange for an incentive payment based on prices in Auction 103 and/or to accept modified licenses based on its current holdings.

The initial commitment window will be open for three days. During the initial commitment window, each 39 GHz incumbent has an opportunity to select among three options for its initial commitment. The flowchart in Figure 1 below lays out the process.

Figure 1: Initial commitment options



An incumbent can choose to accept modified licenses based on the FCC-proposed reconfiguration of its updated holdings (Option 1), accept modified licenses based on an acceptable alternative reconfiguration of its updated holdings that satisfies certain specified conditions (Option 2), or relinquish all of its current license holdings in exchange for an incentive payment and the opportunity to bid for new licenses (Option 3).¹

When submitting Option 1, the incumbent will also choose whether to keep or relinquish in exchange for an incentive payment one modified license equivalent to a partial block, if its reconfigured holdings include a partial block license. In selecting Option 2, the incumbent will indicate an alternative reconfiguration in the Initial Commitment System, and if its reconfiguration includes a PEA with holdings

¹ See generally *Reconfigured 39 GHz Incumbent Holdings; Initial Commitment Options and Timeline; Preparation for Incentive Auction of Upper Microwave Flexible Use Service Licenses in the Upper 37 GHz, 39 GHz, and 47 GHz Bands (Auction 103)*, Public Notice, DA 19-503 (WTB/OEA June 5, 2019) (*Reconfigured Holdings Public Notice*).

equivalent to a partial block, whether it wants to keep the modified partial license or relinquish the partial holdings in exchange for an incentive payment. If it selects Option 3, the incumbent can relinquish its updated 39 GHz holdings as currently configured or, if it chooses, redistribute the weighted MHz-pops of its updated holdings across those PEAs in which has partial block holdings before submitting the option.²

If the incumbent elects Option 1 or Option 2, the incumbent will not be permitted to apply to bid on new licenses in Auction 103. An incumbent must elect to relinquish all its updated holdings (Option 3) in order to apply to bid in Auction 103. As determined in the Spectrum Frontiers Fourth R&O, incumbents that elect to receive modified licenses via Option 1 or Option 2 will be assigned frequencies based on the results of the assignment phase of Auction 103 but cannot bid for particular frequencies in the assignment phase.³

If an incumbent does not make any initial commitment decision by the initial commitment window closes, that incumbent will be considered to have committed to accept modified licenses based on reconfigured holdings proposed by the Commission and to have foregone any opportunity to relinquish any holdings for an incentive payment and to participate in Auction 103.

² See *Use of Spectrum Bands Above 24 GHz for Mobile Radio Services*, Fourth Report and Order, 33 FCC Rcd 12168, 12179-81, para. 36, 39-42 (2018) (referring to this process as “Round Zero”).

³ An incumbent may seek a waiver assuring that its modified licenses will be assigned to frequencies not subject to Federal coordination. See *Incentive Auction of Upper Microwave Flexible Use Service Licenses in the Upper 37 GHz, 39 GHz, and 47 GHz Bands for Next-Generation Wireless Services; Notice and Filing Requirements, Minimum Opening Bids, Upfront Payments, and Other Procedures for Auction 103; Bidding in Auction 103 Scheduled to Begin December 10, 2019*, Public Notice, FCC 19-63, at 53-54, paras. 162-63 (July 11, 2019) (*Auction 103 Procedures Public Notice*).

3. System Requirements and Access

This section explains the system requirements for accessing the initial commitment system, how to log in, and other matters related to access.

3.1. Minimum System Requirements

At the minimum, the following is required to access the initial commitment system:

- Microsoft® Windows® 8.1 or Windows® 10, or Apple® Mac® OS X® 10.13 or later
- A recent version of Google Chrome™ (preferred)⁴ or Microsoft® Edge⁵ (the browser must be configured to accept cookies and JavaScript)⁶
- Access to the internet
- 1920 x 1080 screen resolution⁷

Smartphones and tablets are not supported. The initial commitment system may run on different computer configurations, including browsers not listed above. It is the responsibility of the user to test any alternative configurations with the initial commitment system early during the initial commitment window to ensure that they have access to one of the supported browsers should they experience problems. Any user attempting to access the initial commitment system with a computer configuration or device that does not meet the requirements listed above is solely responsible for any resulting failure to access the initial commitment system, failure to do so in a timely manner, or failure of the initial commitment system to process the user's attempted initial commitment or other actions (even if it appears that such actions were completed properly).

Users are discouraged from using web browsers containing third-party toolbars or other extensions. Third-party browser extensions potentially may cause problems for users of interactive websites, including the auction initial commitment system, and may make users' computers more vulnerable to hacker attacks. If in doubt, you should consult your internal information technology departments in order to disable third-party browser extensions or, if necessary, obtain a clean installation of a supported web browser.

⁴ Google Chrome is referred to elsewhere in this document as "Chrome." Google and the Google logo are registered trademarks of Google Inc.

⁵ Microsoft Edge is referred to elsewhere in this document as "Edge." It is available with Windows 10. Google Chrome is preferred because its rendering engine may yield the best experience for users.

⁶ Appendix 1 explains how to check and/or reset browser settings.

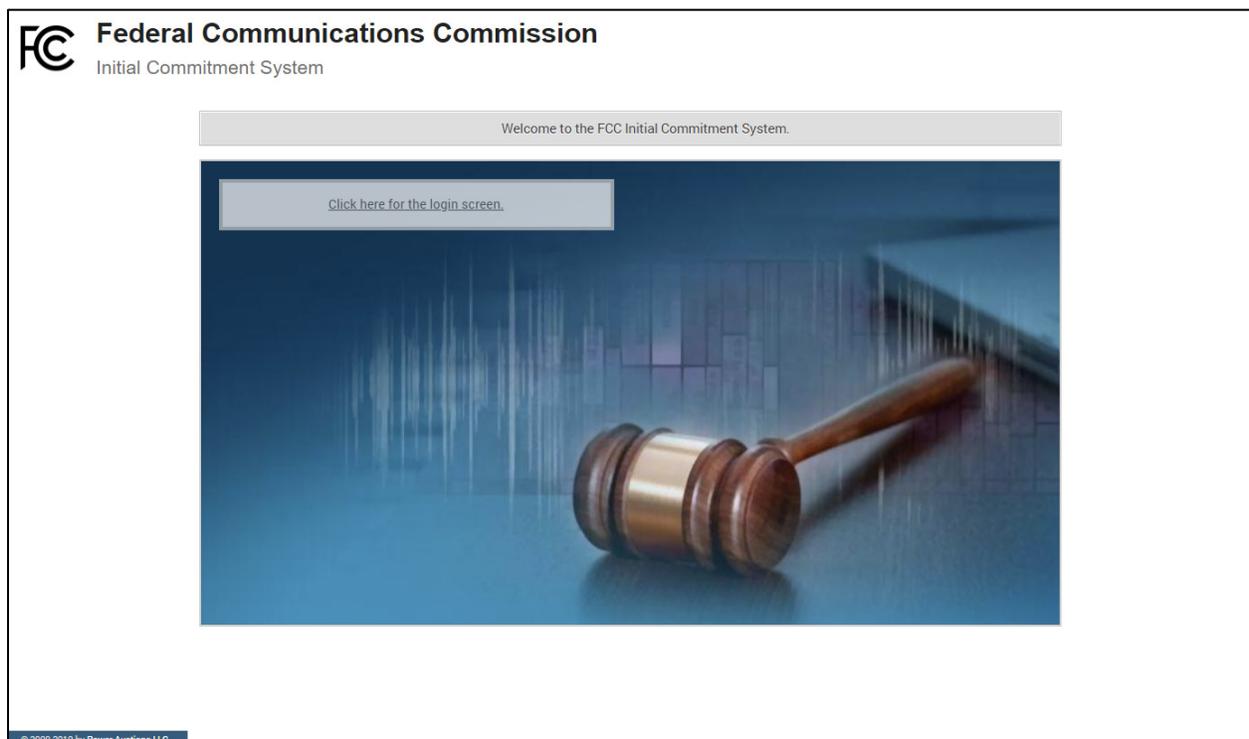
⁷ The system has been optimized to display all of the information without horizontal scrolling on a 1920 x 1080 screen with medium font size. If all of the information from the initial commitment system cannot fit on your display when your browser is maximized (taking up the entire screen), you can either zoom out using your internet browser or scroll right and left using the scroll bars. To adjust the zoom, hold down the control ("ctrl") key and use the "+" and "-" keys to zoom in and out.

To maximize protection against potential security vulnerabilities, users are advised to ensure the latest service pack (if applicable), security patches for their operating system (including Edge browser), and the most recent version of Google Chrome (where relevant), have been installed.

3.2. Logging In

Once the initial commitment system becomes available you can log in to it at a URL provided only to qualified incumbents in the registration materials. When available, the link to the Login screen, as shown in Figure 2, will be visible. When the Login screen is not available, there will be a message on the screen and the link to access the Login screen will not be visible.

Figure 2: Initial commitment system homepage



Click on the [Click here for the login screen](#) link in order to get to the Login screen shown in Figure 7 on page 10.

This guide provides two sets of login instructions: Section 3.2.1, initial login, where an authorized individual creates a personal identification number ("PIN") and logs in for the first time; and Section 3.2.2, the standard login used after the PIN is created.

Each authorized individual listed on the qualified incumbent's FCC Form 175-A will have a unique username (user ID) provided by the Commission. Authorized individuals for a qualified incumbent can either use the password associated with their FCC username account or the password associated with the FRN (FCC Registration Number) used on the Incumbent's FCC Form 175-A.

Each username will be associated with a specific RSA SecurID® token (RSA token) assigned to the authorized individual for the auction. The RSA token generates a time-sensitive 6-digit tokencode that changes every 60 seconds. This tokencode is required as part of the login process along with the authorized individual's username and password. The username and RSA token should only be used by the authorized individual to whom it was assigned. The initial commitment system logs all actions taken by a user based on the username entered when logging in.

RSA tokens will be sent by overnight delivery to the contact person identified in the FCC Form 175-A for each qualified incumbent, and the contact person must distribute an RSA token to each of the specified authorized individuals. Each authorized individual will need to set a private PIN for his or her token.

Figure 3: An RSA SecurID® token



Please note that each RSA token is tailored to a specific auction. Therefore, RSA tokens issued for other auctions or obtained from a source other than the FCC will not work for this auction.

After the conclusion of the initial commitment phase, the Commission will send each incumbent pre-addressed, stamped envelope in which to return its RSA tokens.

 *Take care not to lose your RSA token! Replacing or reassigning an RSA token can be time-consuming, which in some cases could result in not being able to submit an initial commitment option.*

3.2.1. First Time Login Procedures

The first time you log in to the initial commitment system, you must create an RSA PIN. Each authorized individual for a qualified incumbent will create an RSA PIN once—unless the authorized individual gets a replacement RSA token (e.g., because an RSA token has been lost or broken). After the RSA PIN has been created, you must follow the standard login procedures.

You will need the following login credentials to access the initial commitment system for the first time:

- Username (user ID): FCC assigned

- Password: FRN password associated with your FCC username account⁸
- RSA tokencode: A six-digit code generated by the RSA SecurID® token

In the initial commitment system login area, type in the username, password and the current tokencode on the individually assigned RSA token as shown in Figure 4. Leave the PIN field blank and click **Login »**.

If you forget your password, you can contact the FCC Support Center at (877) 480-3201 Option 4 (Mon–Fri 8:00 a.m.–6:00 p.m. Eastern Time (ET)).

 *Token codes change every 60 seconds. Avoid using a code that is about to expire, as indicated on the token screen, by waiting for a new code to appear.*

Figure 4: First time login procedure



The screenshot shows a login form with the following fields and elements:

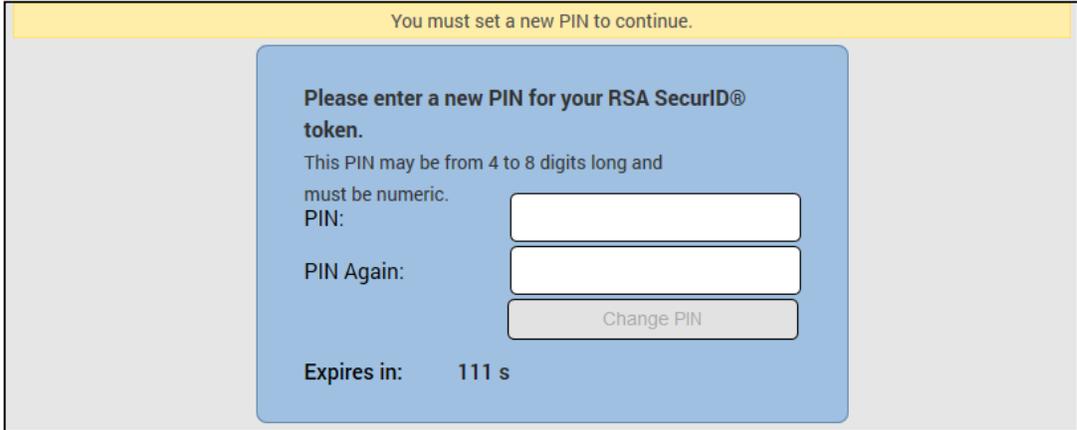
- Please log in.** (Section header)
- Username:** Input field containing "000000000A"
- Password:** Input field containing seven dots
- PIN:** Input field (empty)
- RSA SecurID:** Input field containing "456456" with an RSA SecurID token icon to the left.
- TIP:** Text below the RSA field: "TIP: if you have not set an RSA PIN, please leave the PIN field blank."
- Login »** (Submit button)

The RSA tokencode will be generated by your RSA SecurID® token and will not be the same as the code shown in Figure 4.

After you click **Login »** the system displays a screen to create a private PIN, as shown in Figure 5.

⁸ You may also log in with the FRN password associated with the qualified incumbent's FRN.

Figure 5: Set PIN screen

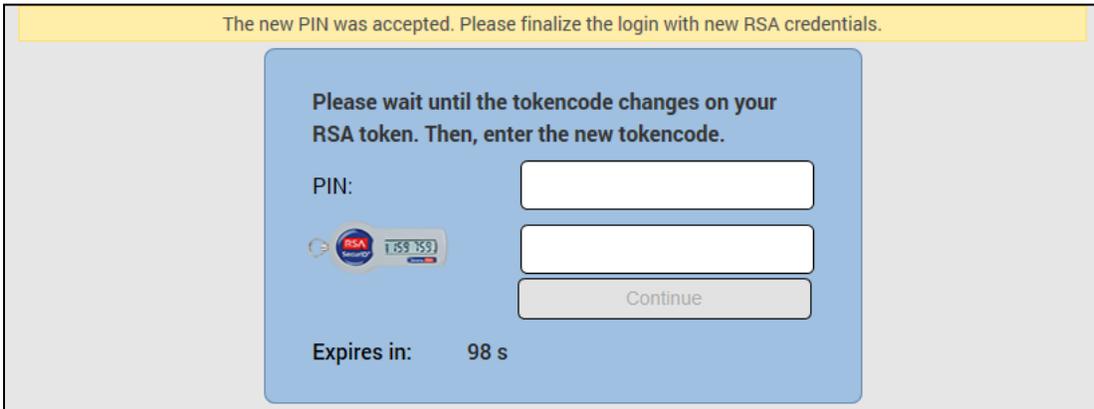


Type a 4–8 digit numeric PIN of your choice in the PIN field. Enter it twice as requested to ensure accuracy. Then click **Change PIN**. Be sure to memorize this PIN. There is a limited amount of time to set a new PIN and confirm your credentials, as shown by the expiration time on the screen.

A message will display in a yellow box above the blue PIN and tokencode fields to indicate that the new PIN was accepted, as shown in Figure 6.

Type in the PIN you just created and a **new** tokencode. Make sure that the number on the RSA token's display has changed, type this new number into the tokencode field, then click **Continue**.

Figure 6: Confirm RSA credentials screen



After completing the set-up procedure, you will be able to access the initial commitment system and see the navigation bar on the left-hand side. Thereafter, the standard log in procedure applies.

3.2.2. Standard Login Procedure

To log in to the initial commitment system, you will need the following login credentials:

- Username (user ID): FCC assigned

- Password: FRN password associated with your FCC username account⁹
- PIN: Numeric PIN created during the initial login (see Section 3.2.1)
- RSA tokencode: A six-digit code generated by the RSA SecurID® token

Enter the information on the Login screen (see Figure 7) and click [Login »](#).

If you forget your FRN password, contact the FCC Support Center at (877) 480-3201, option 4 (Mon–Fri 8:00 a.m.–6:00 p.m. ET).

Figure 7: Login screen

The screenshot shows the login interface for the Auction 103 Initial Commitment system. At the top, there is a dark blue header with the 'FC' logo and 'Auction 103 Initial Commitment' on the left, and 'Initial Commitment 10:01 AM ET 7/4/2019' on the right. The main content area is white with the title 'Auction 103 - Initial Commitment'. A prominent yellow warning box contains the following text: 'WARNING: This system may contain Government information, which is restricted to authorized users ONLY. Unauthorized access, use, misuse, or modification of this computer system or of the data contained herein or in transit to/from this system constitutes a violation of Title 18, United States Code, Section 1030, and may subject the individual to Criminal and Civil penalties pursuant to Title 26, United States Code, Sections 7213, 7213A (the Taxpayer Browsing Protection Act), and 7431. This system is subject to monitoring to ensure proper performance of applicable security features or procedures. Such monitoring may result in the acquisition, recording and analysis of all data being communicated, transmitted, processed or stored in this system by a user. If monitoring reveals possible evidence of criminal activity, such evidence may be provided to Law Enforcement Personnel. ANYONE USING THIS SYSTEM EXPRESSLY CONSENTS TO SUCH MONITORING'. Below the warning is a blue login form with the following fields: 'Please log in.', 'Username:' with a text input field, 'Password:' with a text input field, 'PIN:' with a text input field, and an RSA SecurID token icon with a text input field. A tip below the fields reads: 'TIP: if you have not set an RSA PIN, please leave the PIN field blank.' A 'Login »' button is located at the bottom of the form. The footer of the page reads '© 2000-2019 by Power Auctions LLC'.

3.2.3. Login Errors

During an initial commitment, the system keeps track of the success or failure of each login attempt. In case of incorrect entry of data into any of the four required fields during login, you will receive an error message with an error code. For assistance, call the Auction Bidder Line at the number provided with your registration materials.

3.3. Multiple Users for the Same Incumbent

It is possible for more than one authorized individual for the same qualified incumbent to log in and access the initial commitment system at the same time, each using their assigned username and credentials. Any

⁹ You may also log in with the FRN password associated with the qualified incumbent's FRN.

updates made by one such authorized individual will be displayed on the screen of the other users for the same incumbent after the screen is refreshed.

However, **only one such authorized individual should choose and submit an initial commitment at any given time** to avoid a potential conflict in data that may produce an initial commitment that was not intended.



To avoid a potential conflict that may produce unintended results, only one authorized individual should submit initial commitments at any given time.

3.4. Automatic and Manual Logout

A single user cannot be logged into the initial commitment system using two computers at the same time.

If a user tries to use the same username to access the initial commitment system from more than one computer at the same time, the initial commitment system will automatically log the user out from its previous session and will display a logout notification. This is a protective feature for users because it allows a user to log in to the initial commitment system using a second computer if the first computer crashes before the user could log out of the system.

A user that is inactive for more than 30 minutes will automatically be logged out of the system completely and will need to log in again to access the site.

You may manually log out of the initial commitment system at any time using the **Logout** button, located at the bottom of the navigation bar on every screen, as shown in Figure 8. Logging out of the initial commitment system will not cause a submitted initial commitment option to be lost. However, if you selected an initial commitment but did not submit your selection, you must log back in to submit your initial commitment option.

3.5. Help by Phone

The Auction Bidder Line is available to assist incumbents with first time login procedures, initial commitment actions, announcements and auction-related questions. The telephone number for the Auction Bidder Line is provided with your registration materials.

Incumbents need to provide the telephonic bid assistant with the appropriate login information (discussed in Section 3.2.2) to access the initial commitment system. Telephonic bid assistants are required to follow a script, and the length of calls to select an initial commitment option will vary, depending on the option and the number of PEAs for which selections need to be made. Incumbents are therefore reminded to allow sufficient time to bid by placing their calls well in advance of the close of the initial commitment window.

3.6. Additional Information

Appendix 1: System Troubleshooting provides additional information about common errors that you may encounter accessing the initial commitment system.

Appendix 2: RSA SecurID® Token Information provides additional information about RSA tokens. It explains what to do if an incumbent wishes to change or replace an authorized individual/user and what to do in the event of lost or damaged RSA tokens.

4. System Navigation and Overview

The initial commitment system provides initial commitment information in two ways: on screens accessed through the navigation bar, and through downloadable files generally accessed via the Downloads screen.

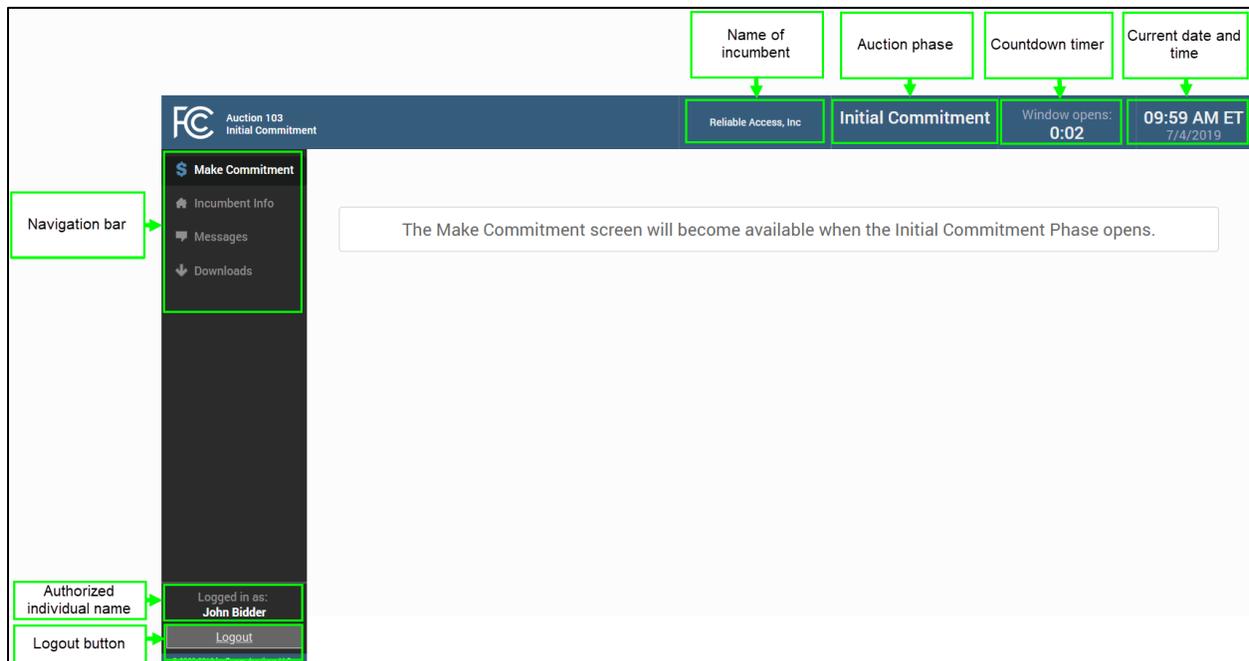
This section describes how to access and navigate through these screens.

4.1. Navigation Bar and Features Common to All Screens

All screens in the initial commitment system have a navigation bar on the left side, which provides links to the other available screens. Beneath the navigation bar is your name (the name of the authorized individual who has logged in) and the [Logout](#) button, as described in Section 3.4.

The blue bar at the top of each screen is also common to all screens. It displays status and timing information. It shows the name of the incumbent, a countdown timer showing the time to the beginning or the end of the initial commitment window, and the current date and time in Eastern Time. The font of the countdown timer turns red when there are 2 hours left in the initial commitment window (see Figure 30). An illustration of the navigation bar and common screen features is shown in Figure 8.

Figure 8: Navigation bar and features common to all screens



4.2. Summary of Initial Commitment System Screens

The navigation bar gives you access to four screens. Their functions are summarized in Table 1 below in the order in which they appear on the navigation bar.

Table 1: Summary of screens reached from the navigation bar

| Screen | Description |
|-----------------|--|
| Make Commitment | Allows you to select an initial commitment option |
| Incumbent Info | Allows you to view information about your updated holdings and markets |
| Messages | Allows you to view announcements and messages from the FCC, and to send messages to the FCC |
| Downloads | Allows you to download files of the incumbent's updated holdings, the FCC-proposed reconfiguration, and the incumbent's submitted initial commitment |

4.3. Summary of Downloads

The following table provides a summary of downloads available in the initial commitment system, and how to access these downloads.

Table 2: Summary of downloads available in the initial commitment system

| Download File | Where to access | Description |
|--|-----------------|---|
| My Updated Holdings and FCC-Proposed Reconfiguration | Downloads | Information about your updated holdings and modified licenses based on the FCC-proposed reconfiguration, for each market where you have updated holdings. |
| My Initial Commitments | Downloads | Once the results of the initial commitment phase have been posted, the file will show the results of your final chosen option with information for each of your PEAs. This file does not contain data until you have submitted an option. |

5. Viewing Product Information

The Incumbent Info screen provides basic information about all of the incumbent's holdings in the initial commitment phase (Figure 9). You may access the Incumbent Info screen once the initial commitment system becomes available, prior to the opening of the initial commitment window.

The information on the Incumbent Info screen remains static throughout the initial commitment phase.

Figure 9: Incumbent Info screen

| Market Number | Market Name | Market Population | Weighted MHz-Pops per Block | My Updated Holdings | | FCC-Proposed Reconfiguration | |
|---------------|------------------------------|-------------------|-----------------------------|---------------------|-------------------|------------------------------|-------------------|
| | | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA001 | New York, NY | 25,237,061 | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | 2 | 8,378,704,252.00 |
| PEA002 | Los Angeles, CA | 19,410,169 | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | 6 | 17,934,996,156.00 |
| PEA003 | Chicago, IL | 9,366,713 | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | 4 | 6,219,497,432.00 |
| PEA004 | San Francisco, CA | 9,027,937 | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | 3 | 3,520,895,430.00 |
| PEA005 | Baltimore, MD-Washington, DC | 7,842,134 | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | 3 | 3,505,433,898.00 |
| PEA006 | Philadelphia, PA | 7,587,252 | 933,231,996 | 2.1297 | 1,987,497,191.00 | 2.8212 | 2,632,788,392.00 |
| PEA156 | Boise City, ID | 392,365 | 3,531,285 | 5.0000 | 17,656,425.00 | 5 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 213,445 | 12,166,365 | 1.0000 | 12,166,700.00 | 1 | 12,166,365.00 |

As shown in Figure 9, the Incumbent Info screen provides the market number, market name, market population, weighted MHz-pops per block, my updated holdings (blocks, weighted MHz-pops), FCC-proposed reconfiguration (blocks, weighted MHz-pops for each product the incumbent holds). Note that in the FCC-proposed reconfiguration only one PEA includes a partial block (PEA006 in the above example).

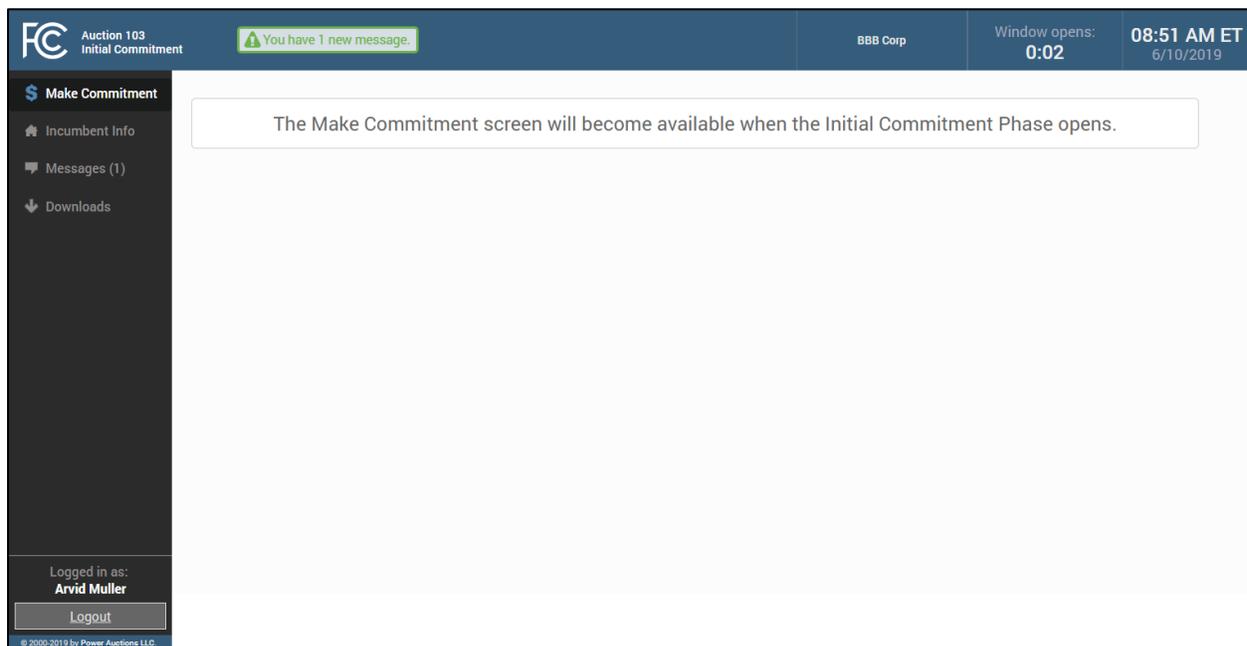
The same information can also be found in the “My Updated Holdings and FCC-Proposed Reconfiguration” download (except for the market population, which can be found in [Attachment A](#) to the [Auction 103 Procedures Public Notice](#)).

6. Messages

6.1. Messages: Announcements and Conversations

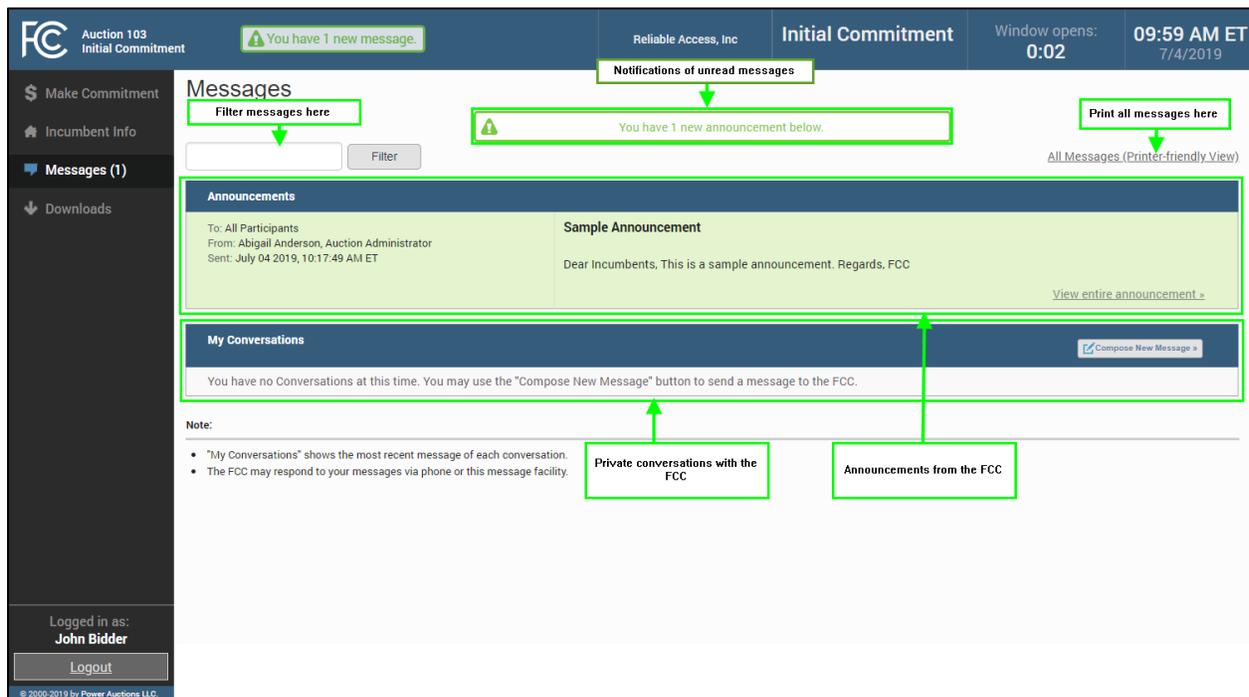
On the Messages screen you can see announcements made by the FCC. You can also communicate with the FCC by sending messages to and receiving responses from the FCC that are visible only to you and the other authorized individuals for the same qualified incumbent. If you have any unread announcements or conversations, a notification will appear in the blue bar at the top of the screen. The number of unread messages is shown in this notification and in parenthesis next to the [Messages](#) link in the navigation bar as shown in Figure 10.

Figure 10: New message indicator



To read announcements, or to send a message to or read a response from the FCC, click on the [Messages](#) link in the navigation bar on the left side, or on the notification in the blue bar. The Messages screen will open, displaying all announcements and conversations in reverse chronological order, showing the first line (or part of the first line) of the announcement or message. You must click on the [View entire announcement »](#) or [View entire conversation / Respond »](#) link to open and read an announcement or message in its entirety.

Figure 11: Messages screen



As shown in Figure 11 and Figure 15, if any message on the screen has not been read, a green notification box displayed at the top of the screen will indicate the number of unread announcements or messages. Any unread message is highlighted in green. After an unread announcement or message has been opened, the number in the parentheses by the [Messages](#) link on your screen will decrease accordingly. The number will not decrease until the [View entire announcement »](#) or [View entire conversation / Respond »](#) link has been clicked for the unread message.

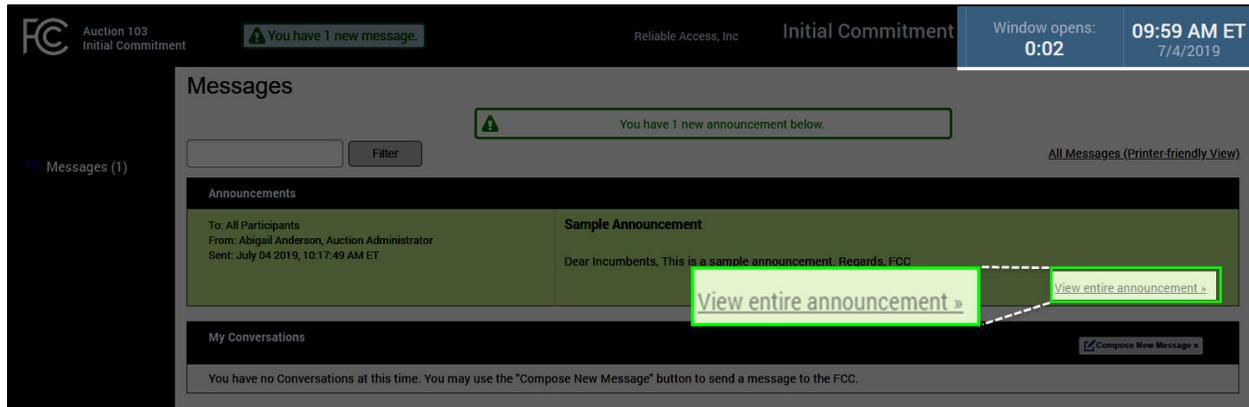
 *Whenever you see an indication that a message is unread, go to the Messages screen and click on the relevant [View entire announcement »](#) or [View entire conversation / Respond »](#) link.*

At the top right-hand side of the screen, a filter allows you to find messages containing particular words. You can view all of the incumbent's messages by clicking on the [All Messages \(Printer-friendly View\)](#) link at the top right-hand side of the screen. This page can then be printed using the browser's print function.

6.1.1. Receiving and Reviewing Announcements

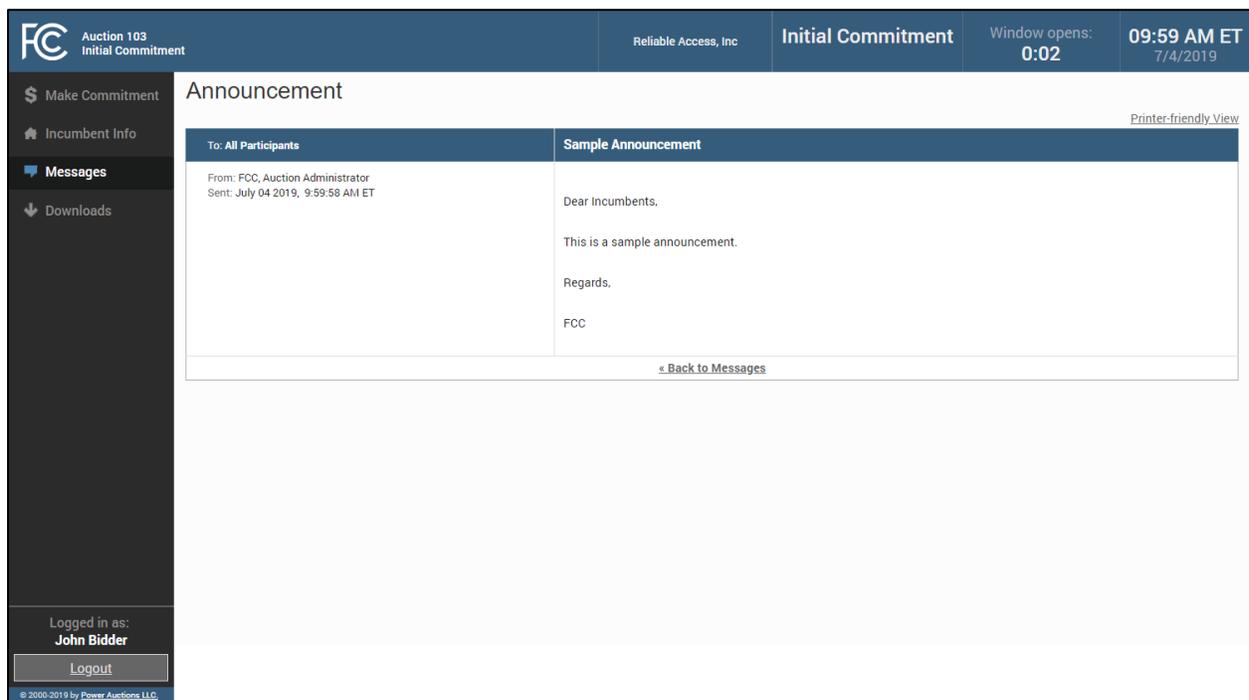
The FCC may send announcements to all incumbents. Announcements contain important incumbent information, such as the suspension of initial commitment activities due to unforeseen circumstances. The Message screen will only show the first line or part of the first line of an announcement. As mentioned above, to view the entire text of an announcement you must click on the [View entire announcement »](#) link for the announcement you wish to read, as shown in Figure 12.

Figure 12: View entire announcement link



Clicking on the [View entire announcement »](#) link loads an Announcement screen which displays the full text of the announcement as shown in Figure 13. To close the announcement and return to the Messages screen, click the [« Back to Messages](#) link.

Figure 13: An open announcement



6.1.2. Conversations with the FCC

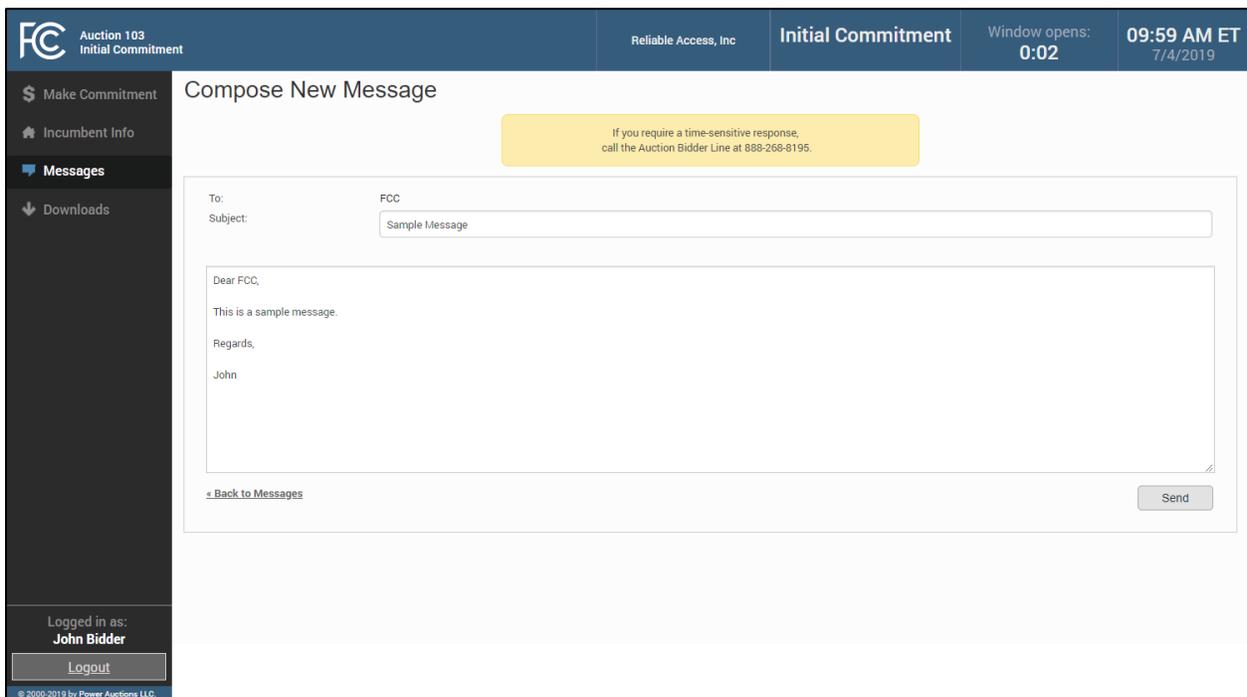
You can communicate with the FCC through the initial commitment system. A message from a user is associated with an incumbent's FRN and the authorized individual who sent the message. Only authorized individuals for an incumbent can see such messages.

 For time-sensitive issues, users should call the Auction Bidder Line phone number which is provided to qualified incumbents.

To compose a new message to the FCC, click on the **Compose New Message >>** button in the My Conversations section of the Messages screen, as shown in Figure 11 above. Next, enter the subject and content of the message in the relevant fields as shown in Figure 14 below. Click **Send** to send the message. To cancel an unsent message, click on the **« Back to Messages** link and return to the Messages screen. Navigating away from the Compose New Message screen will delete any unsent message.

Note that if the system prompts you to update your screen (e.g., because a round has just opened) while you are typing a message, your message will be lost if you update at that time. Instead, click on Close Without Refreshing, finish typing and send your message, and then refresh the screen.

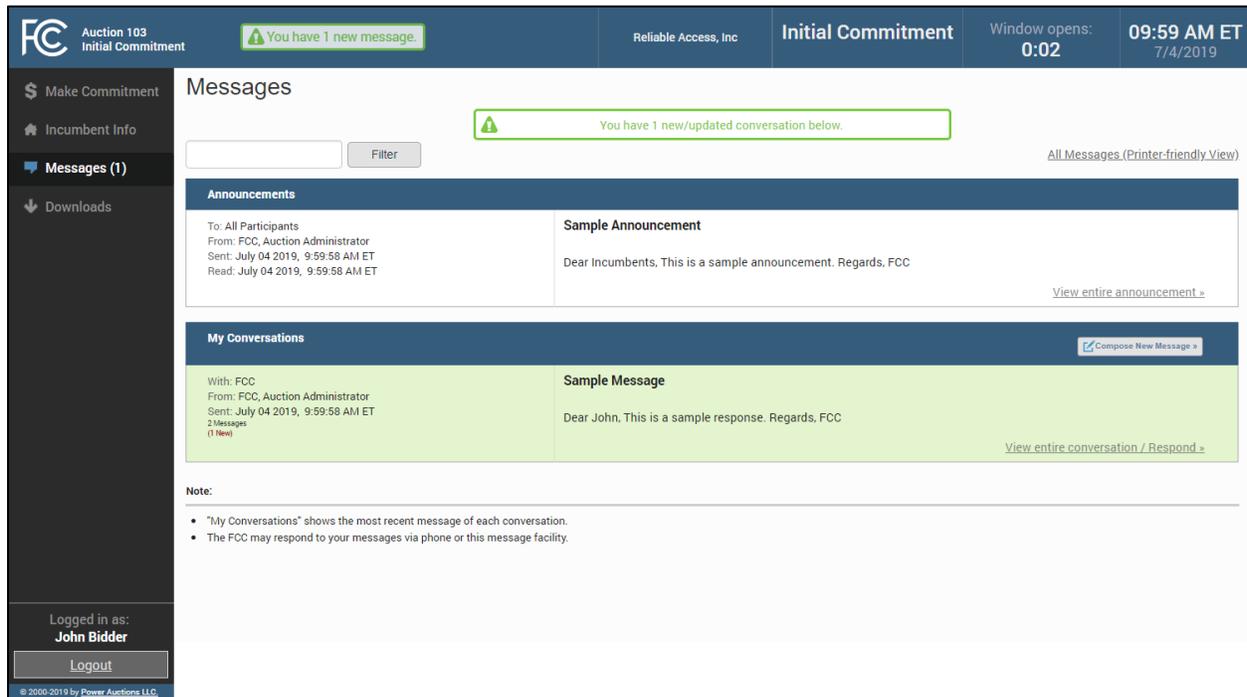
Figure 14: Compose a new message



A sent message will appear as a new conversation in the 'My Conversations' section of the Messages screen. The FCC may reply by sending an electronic message or by calling the contact person on the phone. If there is an electronic reply from the FCC, the reply will be added to that conversation.

As with announcements, new messages are highlighted in green on the Messages screen until they are read. Only the most recent message of a conversation is shown on the Messages screen, as illustrated in Figure 15. To view the complete message and all messages in a conversation, click on the **View entire conversation / Respond »** link for that conversation.

Figure 15: A response to a conversation initiated by an authorized individual



Clicking on the link to view an entire conversation opens all of the messages in that conversation on the screen, as seen in Figure 16. Click on the « [Back to Messages](#) link to return to the messages, or click on the [Respond To This Conversation](#) button as shown in Figure 16 to add a further message to the same conversation. Type the message in the box that opens and click [Send](#) to send it to the FCC.

Figure 16: Viewing a conversation

FC Auction 103 Initial Commitment

Reliable Access, Inc

Initial Commitment

Window opens: 0:02

09:59 AM ET 7/4/2019

Make Commitment

Incumbent Info

Messages

Downloads

Conversation

Printer-friendly View

With: FCC

Sample Message

From: John Bidder, Reliable Access, Inc (0001212121)
Sent: July 04 2019, 9:59:58 AM ET

Dear FCC,

This is a sample message.

Regards,

John

From: FCC, Auction Administrator
Sent: July 04 2019, 9:59:58 AM ET

Dear John,

This is a sample response.

Regards,

FCC

Back to Messages

Respond To This Conversation

Logged in as: John Bidder

Logout

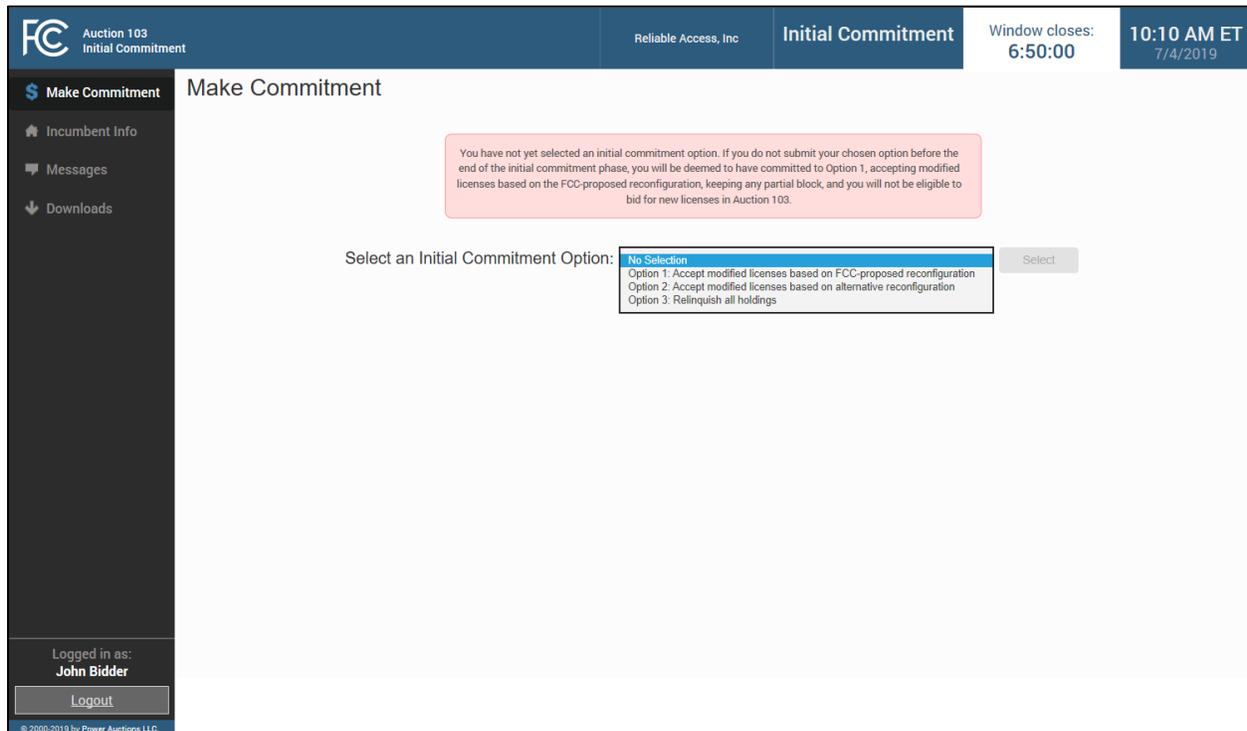
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7. Making an Initial Commitment

7.1. Layout and Actions of the Main Make Commitment Screen

Incumbents conduct all initial commitment activities on the Make Commitment screen, which is accessed through a link on the navigation bar on the left. Figure 17, shown below, illustrates the layout of the Make Commitment screen before choosing any initial commitment option.

Figure 17: Layout of the Make Commitment screen before choosing any initial commitment option



After the initial commitment window opens, the Make Commitment screen will show a dropdown menu with three possible initial commitment options in addition to “No Selection”. These options are:

- Option 1: Accept modified licenses based on FCC-proposed reconfiguration
- Option 2: Accept modified licenses based on an alternative reconfiguration
- Option 3: Relinquish all holdings

Choosing an option, followed by clicking the **Select** button opens a new screen.

7.2. General layout and options on the initial commitment options screens

A common general layout of the screen for all three possible initial commitment options is highlighted in Figure 18 below.

Figure 18: General layout of Make Commitment screen for all three options

The screenshot shows the 'Make Commitment' interface. At the top left, the 'Current initial commitment option' is 'Option 3: Relinquish all holdings'. A 'Change Option' link is visible. At the top right, there is a 'Submit' button and a 'Cancel Changes' link. A message box states: 'You have not yet submitted your initial commitment option to relinquish all holdings. You may choose to relinquish your updated holdings or enter quantities for redistributed holdings. If you do not submit before the deadline for submitting an initial commitment, you will be deemed to have committed to accept the FCC-proposed reconfiguration, keeping any partial block, and you will not be eligible to bid for new licenses in Auction 103.' Below this is a summary table:

| | Weighted MHz-Pops | Weighted MHz-Pops |
|-------------------|-------------------|--|
| Updated Holdings: | 42,222,138,350.00 | Your Redistributed Holdings: 42,222,138,350.00 |
| Balance: | 0.00 | |

The main table lists market information, updated holdings, and redistributed holdings:

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Redistributed Holdings | | |
|---------------|------------------------------|-----------------------------|------------------|-------------------|------------------------|-------------------|----------------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops | Adjusted Weighted MHz-Pops |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | 2.0900 | 8,755,745,943.00 | 8,755,745,943.00 |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | 6.5363 | 19,538,049,143.00 | 19,538,049,143.00 |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | 3.0065 | 4,674,667,014.00 | 4,674,667,014.00 |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | 3.0160 | 3,539,637,801.00 | 3,539,637,801.00 |
| PEA005 | Baltimore, MD-Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | 3.1637 | 3,696,718,133.00 | 3,696,718,133.00 |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | 2.1297 | 1,987,497,191.00 | 1,987,497,191.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | 1.0000 | 12,166,700.00 | 12,166,700.00 |

At the bottom, there are three labels: 'Market information', 'Updated holdings information', and 'Option-specific information'.

In the top left corner, you can see your selected option. If you would like to change an initial commitment option, you can click on the [Change Option](#) link that will return you to the previous screen where you can select another option from the dropdown menu.

At the top right corner is a [Submit](#) button that allows you to submit the option and selections you entered through the user interface. Under the [Submit](#) button is the [Cancel Changes](#) link that allows you to cancel any unsubmitted changes that you have entered on the user interface.

You can see information about necessary steps to submit your initial commitment option or alerts about outstanding errors in the text box on the upper left under the name of your selected initial commitment option.

A summary table under the [Submit](#) button and the [Cancel Changes](#) link contains information about the incumbent's total updated holdings (static information) and total redistributed holdings (changes with input) and the balance, which is the difference between the updated and redistributed holdings.

The main portion of the screen consists of a table that lists markets. For each initial commitment option, the screen lists all the PEA's where the incumbent has updated holdings.

The first three columns provide information about each market, specifically, its market number and name, and weighted MHz-pops of the market per 100-MHz block. The next two columns provide the incumbent’s updated holdings information for each market, specifically, the number of blocks rounded to four decimal places and the weighted MHz-pops. The next three columns differ depending on which initial commitment option is chosen. This option-specific information is described in the section for that option.

7.3. Modified licenses (Options 1 and 2)

7.3.1. Option 1 - Accept modified licenses based on FCC-proposed reconfiguration

The Commission-proposed reconfiguration rounds the incumbent’s updated holdings in each PEA up or down to the next nearest whole block, such that there is at most one PEA with a partial block¹⁰ (Figure 19). If you choose Option 1 to accept modified licenses according to the FCC-proposed reconfiguration, you need to select whether to keep or relinquish any modified license for a partial PEA block¹¹, if a partial block exists.

Figure 19: Option 1 - Accept modified licenses based on FCC-proposed reconfiguration

Make Commitment

Option 1: Accept modified licenses based on FCC-proposed reconfiguration [\[Change Option\]](#) Submit

[Cancel Changes](#)

You must select an option for PEA006 (Philadelphia, PA)

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | FCC-Proposed Reconfiguration | |
|---------------|------------------------------|-----------------------------|------------------|-------------------|--|--|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | 2.0000 | 8,378,704,252.00 |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | 6.0000 | 17,934,996,156.00 |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | 4.0000 | 6,219,497,432.00 |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | 3.0000 | 3,520,895,430.00 |
| PEA005 | Baltimore, MD-Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | 3.0000 | 3,505,433,898.00 |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | <input type="radio"/> Keep partial block | <input type="radio"/> Relinquish partial block |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | 1.0000 | 12,166,365.00 |

Weighted MHz-Pops Weighted MHz-Pops

Updated Holdings: 42,222,138,350.00 Your Reconfiguration: 39,589,349,958.00

Balance: 2,632,788,392.00

Logged in as: **John Bidder** Logout

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¹⁰ Any license that covers at least 99% of the MHz-pops in a PEA is rounded up to a full block prior to the reconfiguration process.

¹¹ 100 MHz block that covers a smaller population than the entire population in that PEA.

The summary on the right upper part of the screen shows the total weighted MHz-pops in the incumbent's updated holdings and the total weighted MHz-pops in the FCC-proposed reconfiguration, excluding the weighted MHz-pops in the PEA with a partial block. Before choosing whether to keep or relinquish the partial block, the "Balance" represents the weighted MHz-pops in the FCC-proposed reconfiguration for the remaining PEA with the partial block (PEA006 Philadelphia, PA in Figure 19). In this case, the "Balance" includes the weighted MHz-pops of both the partial block and any full blocks for that PEA in the FCC-proposed reconfiguration.

In addition to the market information and the incumbent's updated holdings information, the main portion of the screen shows the FCC-proposed reconfiguration, in blocks and weighted MHz-pops, for all PEAs where the incumbent has updated holdings. If the incumbent's FCC-proposed reconfiguration includes a PEA with a partial block, that PEA is highlighted in yellow and displays two radio buttons allowing you to choose whether to keep the partial PEA block in the modified license or relinquish the weighted MHz-pops in the partial block. If the weighted MHz-pops in the partial block in the FCC-proposed reconfiguration equal or exceed 90 percent of the weighted MHz-pops in the full block and you choose to accept the modified license, the license will be rounded up to a license for a full PEA (following the *de minimis* rule). If you choose to relinquish the partial block, your incentive payment will be based on the weighted MHz-pops in the partial block.



Blocks in the incumbent's updated holdings or FCC-proposed reconfiguration are calculated as the incumbent's weighted MHz-pops in the PEA divided by the weighted MHz-pops per full block in the PEA, rounded to 4 decimal places.

If you commit to Option 1, the incumbent will not be eligible to apply to participate in Auction 103.

7.3.2. Option 2 - Accept modified licenses based on alternative reconfiguration

If you select Option 2, you will be able to indicate your incumbent's alternative reconfiguration in the initial commitment system. For all but one of the PEAs with partial updated holdings (based on weighted MHz-pops), you will need to choose whether to round the number of blocks up or down to the nearest integer. All PEAs that include partial block holdings are highlighted in yellow.

For example, the incumbent's updated holdings are 3.0065 blocks in PEA003 Chicago, IL; therefore, you can either round its updated holdings in PEA003 down to 3 blocks or round it up to 4 blocks, as illustrated in Figure 20. Note that the incumbent cannot change its updated holdings quantity in a PEA where it has only whole number of blocks, as is in the case for PEA156 in this example.

Once you have made rounding selections for all but one of the PEAs that include partial block holdings, the system will automatically calculate the weighted MHz-pops for the remaining PEA with a partial block. If the calculation results in a valid number of weighted MHz-pops for the remaining block (equal to or greater than the incumbent's holdings rounded down or equal to or less than the incumbent's holdings rounded up), you will be able to choose whether to keep or relinquish the partial block in that

PEA (if the calculation results in a partial block) and submit the alternative reconfiguration. As in the case of the FCC-proposed reconfiguration, if the weighted MHz-pops in the partial block in the alternative reconfiguration equal or exceed 90 percent of the weighted MHz-pops in a full block in the PEA, then you can either keep a full block (by the *de minimis* rule) or relinquish the holdings corresponding to the partial block. If the system’s calculation does not result in a feasible value for the remaining PEA, then the system will notify you accordingly and ask you to adjust your alternative reconfiguration.

A valid alternative reconfiguration must satisfy the following three conditions. First, it has at most one PEA that includes a partial block. Second, for every other PEA, the number of blocks is an integer which is either equal to the updated holdings rounded down or equal to the updated holdings rounded up to the nearest integer. Third, the incumbent’s total weighted MHz-pops in the alternative reconfiguration is equal to the total weighted MHz-pops in its updated holdings.

Figure 20: Option 2 before making any selections

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Alternative Reconfiguration | | | |
|---------------|----------------------------------|-----------------------------|------------------|-------------------|--|--|--------|-------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | <input type="radio"/> Rounded Up to 3 blocks | <input type="radio"/> Rounded Down to 2 blocks | 0.0000 | 0.00 |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | <input type="radio"/> Rounded Up to 7 blocks | <input type="radio"/> Rounded Down to 6 blocks | 0.0000 | 0.00 |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | <input type="radio"/> Rounded Up to 4 blocks | <input type="radio"/> Rounded Down to 3 blocks | 0.0000 | 0.00 |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | <input type="radio"/> Rounded Up to 4 blocks | <input type="radio"/> Rounded Down to 3 blocks | 0.0000 | 0.00 |
| PEA005 | Baltimore, MD- Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | <input type="radio"/> Rounded Up to 4 blocks | <input type="radio"/> Rounded Down to 3 blocks | 0.0000 | 0.00 |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | <input type="radio"/> Rounded Up to 3 blocks | <input type="radio"/> Rounded Down to 2 blocks | 0.0000 | 0.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | | | 5.0000 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | <input type="radio"/> Rounded Up to 2 blocks | <input type="radio"/> Rounded Down to 1 block | 0.0000 | 0.00 |

Figure 20 shows the Make Commitment screen for an incumbent immediately after Option 2 has been selected. Your Reconfiguration in the summary table on top right of the screen shows total weighted MHz-pops of PEAs where the incumbent has only full blocks in its updated holdings, since the user cannot change its holdings in those PEAs during its reconfiguration. This number will be updated as the user makes rounding selections for the PEAs where it has partial updated holdings. The number of blocks and weighted MHz-pops in the Alternative Reconfiguration section of the main table will also be zero until a rounding selection is made for the PEAs that include partial blocks. Note that the line for

PEA156 is in white (indicating that it cannot be edited) and does not have radio buttons since the incumbent holds only full blocks (5.0000 in this case) in that PEA.

As the user makes its rounding choices for PEAs with partial blocks, the system calculates up-to-date values for Your Reconfiguration and Balance in the top summary table and, in the Alternative Reconfiguration section of the main table, the Blocks and Weighted MHz-Pops fields for each PEA for which rounding selections were made. Additionally, the system checks whether a valid reconfiguration can be created, given the remaining choices. If a valid alternative reconfiguration cannot be created based on the entered rounding selections, the system will display an error message in a red text box on the top left of the screen and highlight in red the remaining PEA that includes a partial block. An example is shown in Figure 21.

Figure 21: Option 2, Error – not in valid range

FC Auction 103 Initial Commitment | GGG Corp | **Initial Commitment** | Window closes: 6:10:00 | 10:50 AM ET 7/4/2019

Make Commitment

Option 2: Accept modified licenses based on alternative reconfiguration [Change Option](#) Submit Cancel Changes

Error Message: Cannot calculate a valid partial PEA quantity for the remaining market, PEA042 (Honolulu, HI). Your total weighted MHz-pops (in other PEAs) must be reduced by at least 596,255,300.00 MHz-pops. You need to adjust your rounding selections.

| | | Updated Holdings | | Alternative Reconfiguration | | |
|---------------|-----------------|-----------------------------|--------------|-----------------------------|---|-----------------------|
| Market Number | Market Name | Weighted MHz-Pops per Block | Blocks (est) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA009 | Miami, FL | 629,188,000 | 0.0011 | 720,300.00 | <input checked="" type="radio"/> Rounded Up to 1 block <input type="radio"/> Rounded Down to 0 blocks | 1.0000 629,188,000.00 |
| PEA042 | Honolulu, HI | 136,030,100 | 0.7018 | 95,464,100.00 | Error - not in valid range | 0.0000 0.00 |
| PEA046 | Little Rock, AR | 127,569,000 | 0.7102 | 90,604,000.00 | <input checked="" type="radio"/> Rounded Up to 1 block <input type="radio"/> Rounded Down to 0 blocks | 1.0000 127,569,000.00 |
| PEA065 | Cape Coral, FL | 94,027,400 | 0.9764 | 91,804,700.00 | <input type="radio"/> Rounded Up to 1 block <input checked="" type="radio"/> Rounded Down to 0 blocks | 0.0000 0.00 |
| PEA067 | Sarasota, FL | 89,712,100 | 0.0052 | 468,200.00 | <input checked="" type="radio"/> Rounded Up to 1 block <input type="radio"/> Rounded Down to 0 blocks | 1.0000 89,712,100.00 |
| PEA139 | Hot Springs, AR | 44,388,000 | 0.3501 | 15,540,500.00 | <input checked="" type="radio"/> Rounded Up to 1 block <input type="radio"/> Rounded Down to 0 blocks | 1.0000 44,388,000.00 |

Summary Table:

| | Weighted MHz-Pops | Weighted MHz-Pops |
|-------------------|-------------------|--------------------------------------|
| Updated Holdings: | 294,601,800.00 | Your Reconfiguration: 890,857,100.00 |
| Balance: | -596,255,300.00 | |

Logged in as: **Letitia Parisian** Logout

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Figure 22 shows an example of the Make Commitment screen for Option 2 when the incumbent has made choices for all PEAs with partial block holdings except for PEA002 Los Angeles, CA. Based on the incumbent’s rounding selections in other PEAs, there is a valid reconfiguration for PEA002, so the incumbent needs to choose whether it wants to keep or relinquish its partial block in PEA002.

Figure 22: Option 2 choosing between keeping and relinquishing partial block

FC Auction 103 Initial Commitment | Reliable Access, Inc | **Initial Commitment** | Window closes: **6:10:00** | **10:50 AM ET** 7/4/2019

Make Commitment

Option 2: Accept modified licenses based on alternative reconfiguration [\(Change Option\)](#) Submit Cancel Changes

You must select an option for PEA002 (Los Angeles, CA)

| | | Weighted MHz-Pops | Weighted MHz-Pops |
|----------|--|-------------------|-----------------------|
| | | Updated Holdings: | Your Reconfiguration: |
| | | 42,222,138,350.00 | 23,151,741,611.00 |
| Balance: | | 19,070,396,739.00 | |

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Alternative Reconfiguration | | | |
|---------------|------------------------------|-----------------------------|------------------|-------------------|---|---|-------------------|------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | | Blocks | Weighted MHz-Pops | |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | <input type="radio"/> Rounded Up to 3 blocks | <input checked="" type="radio"/> Rounded Down to 2 blocks | 2.0000 | 8,378,704,252.00 |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | <input type="radio"/> Keep partial block | <input type="radio"/> Relinquish partial block | 0.0000 | 0.00 |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | <input type="radio"/> Rounded Up to 4 blocks | <input checked="" type="radio"/> Rounded Down to 3 blocks | 3.0000 | 4,664,623,074.00 |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | <input checked="" type="radio"/> Rounded Up to 4 blocks | <input type="radio"/> Rounded Down to 3 blocks | 4.0000 | 4,694,527,240.00 |
| PEA005 | Baltimore, MD-Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | <input type="radio"/> Rounded Up to 4 blocks | <input checked="" type="radio"/> Rounded Down to 3 blocks | 3.0000 | 3,505,433,898.00 |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | <input type="radio"/> Rounded Up to 3 blocks | <input checked="" type="radio"/> Rounded Down to 2 blocks | 2.0000 | 1,866,463,992.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | <input type="radio"/> Rounded Up to 3 blocks | <input checked="" type="radio"/> Rounded Down to 2 blocks | 5.0000 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | <input checked="" type="radio"/> Rounded Up to 2 blocks | <input type="radio"/> Rounded Down to 1 block | 2.0000 | 24,332,730.00 |

Logged in as: **John Bidder** Logout

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If you commit to Option 2, the incumbent will not be eligible to participate in Auction 103.

7.3.3. Relinquish partial block

To relinquish the partial block in a market, select “Relinquish partial block” radio button in the highlighted row. Figure 23 and Figure 24 illustrate an example for an incumbent where Option 1 is chosen, and the partial block in PEA006 Philadelphia, PA is relinquished. In this case, the incumbent will hold modified licenses for 2 full blocks in PEA006 (because its updated holdings are between 2 and 3 blocks). The incumbent will relinquish 766,324,400 weighted MHz-pops in PEA006, as shown in the Balance in the top right table. The incumbent’s incentive payment will be determined based on the relinquished weighted MHz-pops and the Auction 103 final clock phase price for a generic block in Category MN in PEA006.

Figure 23: Option 1 relinquishing partial block, before submitting

Auction 103
Initial Commitment

Reliable Access, Inc

Initial Commitment

Window closes:
6:10:00

10:50 AM ET
7/4/2019

- [\\$ Make Commitment](#)
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Make Commitment

Option 1: Accept modified licenses based on FCC-proposed reconfiguration [\[Change Option\]](#) [Submit](#)

[Cancel Changes](#)

You have not yet submitted your initial commitment option. If you do not submit your option before the deadline for submitting an initial commitment, you will be deemed to have committed to accept the FCC-proposed reconfiguration, keeping any partial block, and you will not be eligible to bid for new licenses in Auction 103.

| | | Updated Holdings | | FCC-Proposed Reconfiguration | | |
|---------------|------------------------------|-----------------------------|------------------|------------------------------|---|----------------------------|
| Market Number | Market Name | Weighted MHz-Pops per Block | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | 2.0000 | 8,378,704,252.00 |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | 6.0000 | 17,934,996,156.00 |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | 4.0000 | 6,219,497,432.00 |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | 3.0000 | 3,520,895,430.00 |
| PEA005 | Baltimore, MD-Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | 3.0000 | 3,505,433,898.00 |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | <input type="radio"/> Keep partial block <input checked="" type="radio"/> Relinquish partial block | 2.0000 1,866,463,992.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | 1.0000 | 12,166,365.00 |

Figure 24: Option 1 relinquishing partial block, submitted

Auction 103
Initial Commitment

Reliable Access, Inc

Initial Commitment

Window closes:
6:10:00

10:50 AM ET
7/4/2019

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Make Commitment

Option 1: Accept modified licenses based on FCC-proposed reconfiguration [\[Change Option\]](#) [Submit](#)

[Cancel Changes](#)

You committed to accept the FCC-proposed reconfiguration and will not be eligible to bid for new licenses in Auction 103. You will keep any full PEA blocks. You chose to relinquish 0.8212 blocks of PEA006 (Philadelphia, PA). The weighted MHz-pops for this partial block of PEA006 (Philadelphia, PA) is 766,324,400.00 MHz-pops. You will receive compensation for this partial block based on the winning price for this product in the clock phase.

| | | Updated Holdings | | FCC-Proposed Reconfiguration | | |
|---------------|------------------------------|-----------------------------|------------------|------------------------------|---|----------------------------|
| Market Number | Market Name | Weighted MHz-Pops per Block | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | 2.0000 | 8,378,704,252.00 |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | 6.0000 | 17,934,996,156.00 |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | 4.0000 | 6,219,497,432.00 |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | 3.0000 | 3,520,895,430.00 |
| PEA005 | Baltimore, MD-Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | 3.0000 | 3,505,433,898.00 |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | <input type="radio"/> Keep partial block <input checked="" type="radio"/> Relinquish partial block | 2.0000 1,866,463,992.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | 1.0000 | 12,166,365.00 |

Figure 25 shows the Make Commitment screen for an incumbent that chose Option 2 and relinquished the partial block in PEA002 by selecting the “Relinquish partial block” radio button and then clicking on the “Submit” button. Similar to the example when the partial block was relinquished for Option 1 (in Figure 23), the balance in the summary table on the top right shows the weighted MHz-pops that the incumbent is relinquishing. The incumbent is relinquishing 1,135,400,583 weighted MHz-pops in PEA002, as shown in Figure 25. Its incentive payment for relinquished weighted MHz-pops will be based on the final clock phase price for Category MN in PEA002 Los Angeles, CA.

 *The incumbent’s incentive payment is calculated as the ratio of the relinquished weighted MHz-pops divided by the total weighted MHz-pops per block in the PEA multiplied by the Auction 103 final clock phase price in Category MN in that PEA. The result will be rounded to the nearest dollar.*

Figure 25: Option 2 relinquishing partial block, submitted

FC
Auction 103
Initial Commitment
Reliable Access, Inc
Initial Commitment
Window closes:
6:10:00
10:50 AM ET
7/4/2019

\$ Make Commitment

Incumbent Info

Messages

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John Bidder

Logout

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Make Commitment

Option 2: Accept modified licenses based on alternative reconfiguration [Change Option]

Submit
Cancel Changes

You committed to an alternative reconfiguration and will not be eligible to bid for new licenses in Auction 103. You will keep any full PEA blocks. You chose to relinquish 0.3798 blocks of PEA002 (Los Angeles, CA). The weighted MHz-pops for this partial block of PEA002 (Los Angeles, CA) is 1,135,400,583.00 MHz-pops. You will receive compensation for this partial block based on the winning price for this product in the clock phase.

| | | Weighted MHz-Pops | | | Weighted MHz-Pops |
|-------------------|--|-------------------|-----------------------------------|--|-------------------|
| Updated Holdings: | | 42,222,138,350.00 | Your Reconfiguration: | | 41,086,737,767.00 |
| Balance: | | 1,135,400,583.00 | Relinquish partial block - PEA002 | | |

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Alternative Reconfiguration | | | | |
|---------------|----------------------------------|-----------------------------|------------------|-------------------|---|---|-------------------|-------------------|---------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | | Blocks | Weighted MHz-Pops | | |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | <input type="radio"/> Rounded Up to 3 blocks | <input checked="" type="radio"/> Rounded Down to 2 blocks | 2.0000 | 8,378,704,252.00 | |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | <input type="radio"/> Keep partial block | <input checked="" type="radio"/> Relinquish partial block | 6.0000 | 17,934,996,156.00 | |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | <input type="radio"/> Rounded Up to 4 blocks | <input checked="" type="radio"/> Rounded Down to 3 blocks | 3.0000 | 4,664,623,074.00 | |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | <input checked="" type="radio"/> Rounded Up to 4 blocks | <input type="radio"/> Rounded Down to 3 blocks | 4.0000 | 4,694,527,240.00 | |
| PEA005 | Baltimore, MD- Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | <input type="radio"/> Rounded Up to 4 blocks | <input checked="" type="radio"/> Rounded Down to 3 blocks | 3.0000 | 3,505,433,898.00 | |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | <input type="radio"/> Rounded Up to 3 blocks | <input checked="" type="radio"/> Rounded Down to 2 blocks | 2.0000 | 1,866,463,992.00 | |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | | | | 5.0000 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | <input checked="" type="radio"/> Rounded Up to 2 blocks | <input type="radio"/> Rounded Down to 1 block | 2.0000 | 24,332,730.00 | |

7.3.4. Keep partial block

To keep the partial block for a market, select the “Keep partial block” radio button in the highlighted row.¹² Figure 26 and Figure 27 show an example for an incumbent that chose Option 1 and kept a modified license for the partial block in PEA006 Philadelphia, PA. In this case, the incumbent will hold 2,632,788,392 weighted MHz-pops (which is approximately 2.8212 blocks) in PEA006 Philadelphia, PA after the conclusion of Auction 103. In the FCC-Proposed Reconfiguration section of the main table, the Weighted MHz-Pops and Blocks columns for PEA006 show these numbers. The Balance shown in the top right table is 0.00, since total weighted MHz-pops in the incumbent’s reconfiguration equal the total weighted MHz-pops in its updated holdings.

Figure 26: Option 1 keeping partial block, before submitting

The screenshot shows the 'Make Commitment' interface for Auction 103. At the top, it indicates 'Reliable Access, Inc' and 'Initial Commitment' with a window closing at 10:50 AM ET on 7/4/2019. The main heading is 'Option 1: Accept modified licenses based on FCC-proposed reconfiguration'. A pink warning box states: 'You have not yet submitted your initial commitment option. If you do not submit your option before the deadline for submitting an initial commitment, you will be deemed to have committed to accept the FCC-proposed reconfiguration, keeping any partial block, and you will not be eligible to bid for new licenses in Auction 103.' A summary table shows 'Updated Holdings' and 'Your Reconfiguration' both at 42,222,138,350.00 Weighted MHz-Pops, with a 'Balance' of 0.00. The main table lists various markets, with PEA006 Philadelphia, PA highlighted in yellow. For PEA006, the 'Keep partial block' radio button is selected, and the 'Relinquish partial block' button is unselected. The table shows 2.8212 blocks and 2,632,788,392.00 Weighted MHz-Pops for PEA006.

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | FCC-Proposed Reconfiguration | |
|---------------|----------------------------------|-----------------------------|------------------|-------------------|------------------------------|-------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | 2.0000 | 8,378,704,252.00 |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | 6.0000 | 17,934,996,156.00 |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | 4.0000 | 6,219,497,432.00 |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | 3.0000 | 3,520,895,430.00 |
| PEA005 | Baltimore, MD- Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | 3.0000 | 3,505,433,898.00 |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | 2.8212 | 2,632,788,392.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | 1.0000 | 12,166,365.00 |

¹² Clicking again on the selected radio button unselects your option for the PEA. If you would like to cancel all of your unsubmitted changes, you may click [Cancel Changes](#) link.

Figure 27: Option 1 keeping partial block, submitted

The screenshot shows the 'Make Commitment' page for Auction 103. The user is logged in as John Bidder. The page title is 'Option 1: Accept modified licenses based on FCC-proposed reconfiguration'. A green notification box states: 'You committed to accept the FCC-proposed reconfiguration and will not be eligible to bid for new licenses in Auction 103. In addition to keeping any full PEA blocks, you chose to keep 0.8212 blocks of PEA006 (Philadelphia, PA). The weighted MHz-pops for PEA006 (Philadelphia, PA), including the partial block, is 2,632,788.392.00 MHz-pops.' A table in the top right shows 'Updated Holdings' and 'Your Reconfiguration' both at 42,222,138.350.00, with a 'Balance' of 0.00. A larger table below lists markets with columns for Market Number, Market Name, Weighted MHz-Pops per Block, Updated Holdings (Blocks and Weighted MHz-Pops), and FCC-Proposed Reconfiguration (Blocks and Weighted MHz-Pops). For PEA006 Philadelphia, PA, the 'Keep partial block' radio button is selected.

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | FCC-Proposed Reconfiguration | | |
|---------------|------------------------------|-----------------------------|------------------|-------------------|--|-------------------|------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops | |
| PEA001 | New York, NY | 4,189,352,126 | 2.0900 | 8,755,745,943.00 | 2.0000 | 8,378,704,252.00 | |
| PEA002 | Los Angeles, CA | 2,989,166,026 | 6.5363 | 19,538,049,143.00 | 6.0000 | 17,934,996,156.00 | |
| PEA003 | Chicago, IL | 1,554,874,358 | 3.0065 | 4,674,667,014.00 | 4.0000 | 6,219,497,432.00 | |
| PEA004 | San Francisco, CA | 1,173,631,810 | 3.0160 | 3,539,637,801.00 | 3.0000 | 3,520,895,430.00 | |
| PEA005 | Baltimore, MD-Washington, DC | 1,168,477,966 | 3.1637 | 3,696,718,133.00 | 3.0000 | 3,505,433,898.00 | |
| PEA006 | Philadelphia, PA | 933,231,996 | 2.1297 | 1,987,497,191.00 | <input checked="" type="radio"/> Keep partial block <input type="radio"/> Relinquish partial block | 2.8212 | 2,632,788,392.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 | |
| PEA257 | Cheyenne, WY | 12,166,365 | 1.0000 | 12,166,700.00 | 1.0000 | 12,166,365.00 | |

For a user that selects Option 2 and elects to keep a partial block, the summary information shown will be similar to that shown in Figure 26. The entry for Balance in the top right table will be 0.00 as total weighted MHz-pops in the incumbent’s reconfiguration will be equal to total weighted MHz-pops in its updated holdings.

7.3.5. De minimis rounding

If the incumbent’s holdings in a PEA with a partial block after the FCC-proposed reconfiguration (Option 1) or under a valid incumbent-proposed alternative reconfiguration (Option 2) correspond to 90% or more of the weighted MHz-pops per block in that PEA and the incumbent chooses to keep the partial block, the incumbent will be assigned a modified license for a full block in the PEA. If, instead, the partial block is relinquished, the incumbent will receive an incentive payment based on the weighted MHz-pops of the partial block and the Auction 103 final clock phase price in Category MN in that PEA.

The de minimis rounding rule applies only if an incumbent chooses to keep its partial block.

In the example in Figure 28, in its FCC-proposed reconfiguration, the incumbent has approximately 90.01 percent of the weighted MHz-pops of the full block in PEA007 Boston, MA. Therefore, the incumbent can elect to either receive a modified license in PEA007 that would cover the entire PEA, or it

can choose to relinquish that partial holding (768,487,747 weighted MHz-pops) and receive an incentive payment based on the final clock phase price for Category MN in PEA007 in the auction.

 *The incumbent's incentive payment is calculated as the ratio of the relinquished weighted MHz-pops divided by the total weighted MHz-pops per block in the PEA multiplied by the Auction 103 final clock phase price in Category MN in that PEA. The result will be rounded to the nearest dollar.*

Figure 28: Option 1, keeping partial block de minimis, submitted

 Auction 103 Initial Commitment
Wireless Connection LLC
Initial Commitment
Window closes: 6:10:00
10:50 AM ET
7/4/2019

\$ Make Commitment

Make Commitment

Option 1: Accept modified licenses based on FCC-proposed reconfiguration [\[Change Option\]](#) Submit

[Cancel Changes](#)

You committed to accept the FCC-proposed reconfiguration and will not be eligible to bid for new licenses in Auction 103. In addition to keeping any full PEA blocks, you chose to keep 0.9001 blocks of PEA007 (Boston, MA), which will be rounded up to a full block following the de minimis rounding rule.

| | | Weighted MHz-Pops | | | Weighted MHz-Pops |
|-------------------|-------------------|-----------------------|-------------------|--|-------------------|
| Updated Holdings: | 23,624,708,817.00 | Your Reconfiguration: | 23,710,001,480.00 | | |

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | FCC-Proposed Reconfiguration | |
|---------------|-------------|-----------------------------|------------------|-------------------|---|-------------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA007 | Boston, MA | 853,780,410 | 5.5885 | 4,771,354,667.00 | <input checked="" type="radio"/> Keep the (de minimis) rounded up partial block - 6 blocks <input type="radio"/> Relinquish partial block | 6.0000 5,122,682,460.00 |
| PEA008 | Dallas, TX | 838,821,360 | 3.0467 | 2,555,668,106.00 | | 3.0000 2,516,464,080.00 |
| PEA009 | Miami, FL | 817,944,400 | 4.2171 | 3,449,322,400.00 | | 4.0000 3,271,777,600.00 |
| PEA010 | Houston, TX | 942,719,840 | 4.1856 | 3,945,872,325.00 | | 4.0000 3,770,879,360.00 |
| PEA011 | Atlanta, GA | 625,060,880 | 3.4095 | 2,131,131,466.00 | | 3.0000 1,875,182,640.00 |
| PEA012 | Detroit, MI | 575,397,648 | 7.6703 | 4,413,487,292.00 | | 8.0000 4,603,181,184.00 |
| PEA015 | Phoenix, AZ | 637,458,539 | 3.6989 | 2,357,872,561.00 | | 4.0000 2,549,834,156.00 |

Logged in as: **Jane Bidder** [Logout](#)

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7.3.6. No partial blocks in updated holdings

If your updated holdings do not include any PEAs with holdings equivalent to a partial block, the FCC-Proposed Reconfiguration will be the same as your updated holdings. In this case it does not matter whether you submit Option 1 or Option 2. If you select Option 1, you will not have any decision to make regarding a partial block. If you select Option 2, you will not be able to reconfigure your holdings—that is, you will not have any rounding decisions to make, nor any decision about a partial block.

7.3.7. No partial block in the FCC-proposed reconfiguration

If your updated holdings include PEAs with holdings equivalent to less than a full block but your FCC-proposed reconfiguration does not include any partial blocks, under Option 1 you will not have the

option to relinquish a partial block. You simply need to click the **Submit** button to submit your initial commitment (Figure 29).

Figure 29: Option 1, no partial blocks in FCC-proposed reconfiguration

The screenshot shows the 'Make Commitment' page for Auction 103. The user is logged in as Michael MacDonald. The page title is 'Option 1: Accept modified licenses based on FCC-proposed reconfiguration'. A green message box states: 'You committed to accept the FCC-proposed reconfiguration and will not be eligible to bid for new licenses in Auction 103. You do not have any partial blocks.' A summary table shows 'Updated Holdings' and 'Your Reconfiguration' both at 12,431,378.768.00 Weighted MHz-Pops, with a balance of 0.00. Below is a detailed table comparing 'Updated Holdings' and 'FCC-Proposed Reconfiguration' across seven markets.

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | FCC-Proposed Reconfiguration | |
|---------------|-----------------|-----------------------------|------------------|-------------------|------------------------------|-------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA012 | Detroit, MI | 575,397,648 | 7.1489 | 4,113,487,292.00 | 7.0000 | 4,027,783,536.00 |
| PEA013 | Orlando, FL | 584,018,176 | 4.9888 | 2,913,541,039.00 | 5.0000 | 2,920,090,880.00 |
| PEA014 | Cleveland, OH | 417,861,156 | 2.8106 | 1,174,429,513.00 | 3.0000 | 1,253,583,468.00 |
| PEA015 | Phoenix, AZ | 637,458,539 | 3.0000 | 1,912,375,617.00 | 3.0000 | 1,912,375,617.00 |
| PEA020 | Denver, CO | 368,236,308 | 4.0000 | 1,472,945,232.00 | 4.0000 | 1,472,945,232.00 |
| PEA024 | Saint Louis, MO | 275,647,870 | 3.0000 | 826,943,650.00 | 3.0000 | 826,943,610.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 |

7.3.8. No partial blocks in alternative reconfiguration

If your updated holdings include PEAs with holdings equivalent to less than a full block, it may be possible under Option 2 to reconfigure your holdings such that your alternative proposed reconfiguration is valid and does not include a partial block in any PEA. In such a situation, after rounding all but one of the partial PEAs in your updated holdings, you will not see “Keep partial block” and “Relinquish partial block” radio buttons for the remaining PEA. Instead you will see only one radio button, either to round down your updated holdings to the nearest whole block or to round up to the nearest whole block, as illustrated in Figure 30.

Figure 30: Option 2, no partial blocks in alternative reconfiguration

Option 2: Accept modified licenses based on alternative reconfiguration [\(Change Option\)](#) Submit Cancel Changes

You must select an option for PEA014 (Cleveland, OH)

| | | Updated Holdings | | Alternative Reconfiguration | | |
|---------------|-----------------|-----------------------------|------------------|-----------------------------|--|-------------------------|
| Market Number | Market Name | Weighted MHz-Pops per Block | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops |
| PEA012 | Detroit, MI | 575,397,648 | 7.1489 | 4,113,487,292.00 | <input type="radio"/> Rounded Up to 8 blocks <input checked="" type="radio"/> Rounded Down to 7 blocks | 7.0000 4,027,783,536.00 |
| PEA013 | Orlando, FL | 584,018,176 | 4.9888 | 2,913,541,039.00 | <input checked="" type="radio"/> Rounded Up to 5 blocks <input type="radio"/> Rounded Down to 4 blocks | 5.0000 2,920,090,880.00 |
| PEA014 | Cleveland, OH | 417,861,156 | 2.8106 | 1,174,429,513.00 | <input type="radio"/> Rounded Up to 3 blocks | 0.0000 0.00 |
| PEA015 | Phoenix, AZ | 637,458,539 | 3.0000 | 1,912,375,617.00 | | 3.0000 1,912,375,617.00 |
| PEA020 | Denver, CO | 368,236,308 | 4.0000 | 1,472,945,232.00 | | 4.0000 1,472,945,232.00 |
| PEA024 | Saint Louis, MO | 275,647,870 | 3.0000 | 826,943,650.00 | <input type="radio"/> Rounded Up to 4 blocks <input checked="" type="radio"/> Rounded Down to 3 blocks | 3.0000 826,943,610.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | | 5.0000 17,656,425.00 |

| | Weighted MHz-Pops | Weighted MHz-Pops |
|-------------------|-------------------|---|
| Updated Holdings: | 12,431,378,768.00 | Your Reconfiguration: 11,177,795,300.00 |
| Balance: | 1,253,583,468.00 | |

Logged in as: **Michael MacDonald** Logout

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7.4. Option 3 - Relinquish all holdings

If you select Option 3, committing to relinquish all existing spectrum usage rights, you will be able to relinquish all of the incumbent’s holdings as currently configured or to redistribute the incumbent’s weighted MHz-pops across the PEAs in which its updated holdings include partial block holdings.

If you submit an initial commitment for Option 3, committing to relinquish all the incumbent’s existing spectrum usage rights, the incumbent will be eligible to apply to participate in Auction 103.

7.4.1. Relinquish updated holdings as currently configured

If you do not wish to redistribute the incumbent’s updated holdings, click on the Submit button without changing the number of blocks for any PEA. As illustrated in Figure 31 and Figure 32, for each PEA, the number of Blocks and Weighted MHz-Pops under Updated Holdings is the same as the number of Blocks and Weighted MHz-Pops and Adjusted Weighted MHz-Pops under Redistributed Holdings.

Figure 31: Option 3 – Relinquish all holdings as currently configured

Auction 103
Initial Commitment

RSP Company

Initial Commitment

Window closes:
6:10:00

10:50 AM ET
7/4/2019

Make Commitment

Incumbent Info

Messages

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Michael MacDonald

Logout

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Make Commitment

Option 3: Relinquish all holdings [\[Change Option\]](#)

Submit
Cancel Changes

You have not yet submitted your initial commitment option to relinquish all holdings. You may choose to relinquish your updated holdings or enter quantities for redistributed holdings. If you do not submit before the deadline for submitting an initial commitment, you will be deemed to have committed to accept the FCC-proposed reconfiguration, keeping any partial block, and you will not be eligible to bid for new licenses in Auction 103.

| | | Weighted MHz-Pops | | Weighted MHz-Pops | |
|--|--|-------------------|-------------------|------------------------------|-------------------|
| | | Updated Holdings: | 12,431,378,768.00 | Your Redistributed Holdings: | 12,431,378,768.00 |
| | | Balance: | 0.00 | | |

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Redistributed Holdings | | |
|---------------|-----------------|-----------------------------|------------------|-------------------|-------------------------------------|-------------------|----------------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops | Adjusted Weighted MHz-Pops |
| PEA012 | Detroit, MI | 575,397,648 | 7.1489 | 4,113,487,292.00 | <input type="text" value="7.1489"/> | 4,113,487,292.00 | 4,113,487,292.00 |
| PEA013 | Orlando, FL | 584,018,176 | 4.9888 | 2,913,541,039.00 | <input type="text" value="4.9888"/> | 2,913,541,039.00 | 2,913,541,039.00 |
| PEA014 | Cleveland, OH | 417,861,156 | 2.8106 | 1,174,429,513.00 | <input type="text" value="2.8106"/> | 1,174,429,513.00 | 1,174,429,513.00 |
| PEA015 | Phoenix, AZ | 637,458,539 | 3.0000 | 1,912,375,617.00 | <input type="text" value="3.0000"/> | 1,912,375,617.00 | 1,912,375,617.00 |
| PEA020 | Denver, CO | 368,236,308 | 4.0000 | 1,472,945,232.00 | <input type="text" value="4.0000"/> | 1,472,945,232.00 | 1,472,945,232.00 |
| PEA024 | Saint Louis, MO | 275,647,870 | 3.0000 | 826,943,650.00 | <input type="text" value="3.0000"/> | 826,943,650.00 | 826,943,650.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | <input type="text" value="5.0000"/> | 17,656,425.00 | 17,656,425.00 |

Figure 32: Option 3 - Relinquish all holdings as currently configured, submitted

Auction 103
Initial Commitment

RSP Company

Initial Commitment

Window closes:
6:10:00

10:50 AM ET
7/4/2019

Make Commitment

Incumbent Info

Messages

Downloads

Logged in as:
Michael MacDonald

Logout

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Make Commitment

Option 3: Relinquish all holdings [\[Change Option\]](#)

Submit
Cancel Changes

You committed to relinquish all holdings with the option of becoming eligible to bid for new licenses in Auction 103. You submitted the following redistributed holdings (in adjusted weighted MHz-pops). Any incentive payments will be based on these redistributed holdings.

| | | Weighted MHz-Pops | | Weighted MHz-Pops | |
|--|--|-------------------|-------------------|------------------------------|-------------------|
| | | Updated Holdings: | 12,431,378,768.00 | Your Redistributed Holdings: | 12,431,378,768.00 |
| | | Balance: | 0.00 | | |

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Redistributed Holdings | | |
|---------------|-----------------|-----------------------------|------------------|-------------------|-------------------------------------|-------------------|----------------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops | Adjusted Weighted MHz-Pops |
| PEA012 | Detroit, MI | 575,397,648 | 7.1489 | 4,113,487,292.00 | <input type="text" value="7.1489"/> | 4,113,487,292.00 | 4,113,487,292.00 |
| PEA013 | Orlando, FL | 584,018,176 | 4.9888 | 2,913,541,039.00 | <input type="text" value="4.9888"/> | 2,913,541,039.00 | 2,913,541,039.00 |
| PEA014 | Cleveland, OH | 417,861,156 | 2.8106 | 1,174,429,513.00 | <input type="text" value="2.8106"/> | 1,174,429,513.00 | 1,174,429,513.00 |
| PEA015 | Phoenix, AZ | 637,458,539 | 3.0000 | 1,912,375,617.00 | <input type="text" value="3.0000"/> | 1,912,375,617.00 | 1,912,375,617.00 |
| PEA020 | Denver, CO | 368,236,308 | 4.0000 | 1,472,945,232.00 | <input type="text" value="4.0000"/> | 1,472,945,232.00 | 1,472,945,232.00 |
| PEA024 | Saint Louis, MO | 275,647,870 | 3.0000 | 826,943,650.00 | <input type="text" value="3.0000"/> | 826,943,650.00 | 826,943,650.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | <input type="text" value="5.0000"/> | 17,656,425.00 | 17,656,425.00 |

7.4.2. Redistribute updated holdings across all PEAs where incumbent has partial holdings

An incumbent that relinquishes all its licenses has the additional opportunity, through the Initial Commitment System, to redistribute its updated holdings across all PEAs in which it has any partial block holdings. The incumbent’s redistributed holdings must satisfy the following conditions: First, for every such PEA, the number of blocks is greater than or equal to the updated holdings rounded down to the nearest integer and less than or equal to the updated holdings rounded up to the nearest integer. Second, the incumbent’s total weighted MHz-pops following the redistribution must be equal to the total weighted MHz-pops in its updated holdings.

To redistribute the incumbent’s updated holdings, enter the desired number of blocks with up to 4 decimal places for each PEA where the incumbent has updated holdings that include a partial block. The quantity entered for a PEA must be greater than or equal to the greatest integer less than or equal to the incumbent’s updated holdings in that PEA and less than or equal to the least integer greater than or equal to the incumbent’s updated holdings in that PEA. If you try to enter a number of blocks that does not satisfy this condition, you will receive an error message. Note that unlike in Option 2 where the incumbent’s reconfiguration can include at most one PEA with a partial block, in Option 3 the incumbent can have redistributed holdings that include partial blocks in multiple PEAs.

Figure 33: Option 3 – Redistribute holdings, before submitting

The screenshot shows the 'Make Commitment' interface for 'Option 3: Relinquish all holdings'. At the top, it indicates 'Window closes: 6:10:00' and '10:50 AM ET 7/4/2019'. A sidebar on the left contains navigation options like 'Make Commitment', 'Incumbent Info', 'Messages', and 'Downloads'. The main content area features a pink warning box stating: 'Your updated holdings exceed your redistributed holdings by 417,861,156.00 weighted MHz-pops. The balance is automatically distributed into PEAs with a partial block, starting with the lowest numbered PEA. The adjustment cannot exceed the next full block for such PEAs. This is reflected in the Adjusted Weighted MHz-Pops column.' Below this, a text block explains the consequences of not submitting before the deadline. To the right, a table compares 'Updated Holdings' (12,431,378,768.00) and 'Your Redistributed Holdings' (12,013,517,612.00), with a 'Balance' of 417,861,156.00. The bottom section is a large table with columns for Market Number, Market Name, Weighted MHz-Pops per Block, Updated Holdings (Blocks rounded and Weighted MHz-Pops), Redistributed Holdings (Blocks, Weighted MHz-Pops, and Adjusted Weighted MHz-Pops), and input fields for block counts.

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Redistributed Holdings | | |
|---------------|-----------------|-----------------------------|------------------|-------------------|------------------------|-------------------|----------------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops | Adjusted Weighted MHz-Pops |
| PEA012 | Detroit, MI | 575,397,648 | 7.1489 | 4,113,487,292.00 | 7 | 4,027,783,536.00 | 4,445,644,692.00 |
| PEA013 | Orlando, FL | 584,018,176 | 4.9888 | 2,913,541,039.00 | 5 | 2,920,090,880.00 | 2,920,090,880.00 |
| PEA014 | Cleveland, OH | 417,861,156 | 2.8106 | 1,174,429,513.00 | 2 | 835,722,312.00 | 835,722,312.00 |
| PEA015 | Phoenix, AZ | 637,458,539 | 3.0000 | 1,912,375,617.00 | 3.0000 | 1,912,375,617.00 | 1,912,375,617.00 |
| PEA020 | Denver, CO | 368,236,308 | 4.0000 | 1,472,945,232.00 | 4.0000 | 1,472,945,232.00 | 1,472,945,232.00 |
| PEA024 | Saint Louis, MO | 275,647,870 | 3.0000 | 826,943,650.00 | 3 | 826,943,610.00 | 826,943,610.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | 5.0000 | 17,656,425.00 | 17,656,425.00 |

Figure 34: Option 3 – Redistribute holdings, submitted

FC Auction 103 Initial Commitment | RSP Company | **Initial Commitment** | Window closes: **6:10:00** | **10:50 AM ET** 7/4/2019

Make Commitment | **Option 3: Relinquish all holdings** [Change Option] | Submit | Cancel Changes

You committed to relinquish all holdings with the option of becoming eligible to bid for new licenses in Auction 103. You submitted the following redistributed holdings (in adjusted weighted MHz-pops). Any incentive payments will be based on these redistributed holdings.

| | | Weighted MHz-Pops | | | Weighted MHz-Pops |
|-------------------|-------------------|------------------------------|-------------------|--|-------------------|
| Updated Holdings: | 12,431,378,768.00 | Your Redistributed Holdings: | 12,013,517,612.00 | | |
| Balance: | 417,861,156.00 | | | | |

| Market Number | Market Name | Weighted MHz-Pops per Block | Updated Holdings | | Redistributed Holdings | | |
|---------------|-----------------|-----------------------------|------------------|-------------------|-------------------------------------|-------------------|----------------------------|
| | | | Blocks (rounded) | Weighted MHz-Pops | Blocks | Weighted MHz-Pops | Adjusted Weighted MHz-Pops |
| PEA012 | Detroit, MI | 575,397,648 | 7.1489 | 4,113,487,292.00 | <input type="text" value="7.0000"/> | 4,027,783,536.00 | 4,445,644,692.00 |
| PEA013 | Orlando, FL | 584,018,176 | 4.9888 | 2,913,541,039.00 | <input type="text" value="5.0000"/> | 2,920,090,880.00 | 2,920,090,880.00 |
| PEA014 | Cleveland, OH | 417,861,156 | 2.8106 | 1,174,429,513.00 | <input type="text" value="2.0000"/> | 835,722,312.00 | 835,722,312.00 |
| PEA015 | Phoenix, AZ | 637,458,539 | 3.0000 | 1,912,375,617.00 | <input type="text" value="3.0000"/> | 1,912,375,617.00 | 1,912,375,617.00 |
| PEA020 | Denver, CO | 368,236,308 | 4.0000 | 1,472,945,232.00 | <input type="text" value="4.0000"/> | 1,472,945,232.00 | 1,472,945,232.00 |
| PEA024 | Saint Louis, MO | 275,647,870 | 3.0000 | 826,943,650.00 | <input type="text" value="3.0000"/> | 826,943,610.00 | 826,943,610.00 |
| PEA156 | Boise City, ID | 3,531,285 | 5.0000 | 17,656,425.00 | <input type="text" value="5.0000"/> | 17,656,425.00 | 17,656,425.00 |

Logged in as: **Michael MacDonald** | Logout | © 2000-2019 by Power Auctions LLC.

Figure 33 and Figure 34 show an example of the Make Commitment screen for Option 3 where the incumbent has updated holdings that include some partial blocks in PEAs 012, 013, 014, and 024.¹³ The rows for these PEAs are highlighted in yellow and include an entry field where you can modify the number of blocks. For example, since the incumbent has updated holdings of approximately 2.8106 blocks in PEA014 Cleveland, OH, you can enter any number of blocks between 2.0000 and 3.0000 in the Blocks column for PEA014 in the Redistributed Holdings section of the table.

If you have not redistributed any holdings for a PEA, the weighted MHz-pops and number of blocks under Updated Holdings are the same as those under Redistributed Holdings.

Note that you cannot change the number of blocks in Redistributed Holdings for PEAs 015, 020, and 156 because the incumbent has only full blocks in its updated holdings in those PEAs. The rows for these PEAs are in white and do not include an entry field.

¹³ The system shows that the incumbent has 3.0000 blocks of updated holdings in PEA024. However, the actual number blocks (i.e., approximately 3.000000145) has been rounded down to four decimal places. The actual number that the incumbent holds in PEA024 is equal to the weighted MHz-pops in Updated Holdings divided by the weighted MHz-pops per block.

The system will allow you to submit a redistribution of the incumbent's updated holdings as long as the total weighted MHz-pops corresponding to the redistributed holdings is less than or equal to the total weighted MHz-pops of the incumbent's updated holdings. The Balance shown in the summary table at the top right of the screen shows the difference between your updated holdings and your redistributed holdings.

If you submit Option 3 with a redistribution in which the total weighted MHz-pops of the incumbent's updated holdings are greater than the total weighted MHz-pops in the redistribution (i.e., the number in the Balance field is positive), then the system will assign the remaining weighted MHz-pops to PEAs, starting with the lowest numbered PEA in which the incumbent has partial block holdings, and such that the additional weighted MHz-pops assigned to a PEA do not increase the incumbent's holdings in that PEA beyond the next full block.

The incumbent's holdings resulting from such system adjustments are shown in the Adjusted Weighted MHz-Pops column. If the weighted MHz-pops for a PEA have been adjusted, then the value in the Adjusted Weighted MHz-Pops column for that PEA is shown in bold, as illustrated for PEA012 in Figure 33 and Figure 34.

 **IMPORTANT:** The Blocks column under Redistributed Holdings is simply an entry field. It is not updated when the weighted MHz-pops for a PEA are adjusted due to the redistribution of the balance.

The initial commitment system will not allow you to submit Option 3 (and will provide an error message) if the total weighted MHz-pops in your redistributed holdings exceeds the total weighted MHz-pops of the incumbent's updated holdings.

See Section 3 of the Updated Initial Commitment Technical Guide for more information and examples of how the adjusted weighted MHz-pops values are calculated.

7.4.3. No partial blocks in updated holdings

If an incumbent does not have any partial blocks in its updated holdings, you will not be able to redistribute its updated holdings. You will be able to submit Option 3 to relinquish all the incumbent's holdings as they are currently configured. The incumbent's incentive payment will be based on the weighted MHz-pops in its updated holdings and the final clock phase price for a Category MN block in each corresponding PEA.

7.5. Changing Submitted Bids

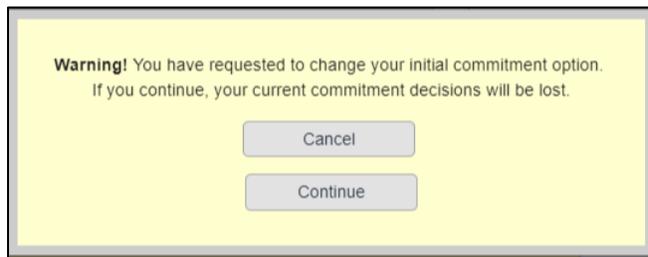
As long as the initial commitment window remains open, you may modify any saved or submitted initial commitment option. For Options 1 and 2, clicking on the selected radio button again unselects your

option for the PEA. Clicking on the unselected radio button for the PEA switches your selection for the PEA. For Option 3, you can edit the number of blocks in the Redistributed Holdings entry fields.

Once you have finished making changes, you must click on the **Submit** button to submit all new selections or entries. Otherwise, the previously submitted selections or entries will remain unchanged in the initial commitment system.

For all options, you can cancel all of your unsubmitted changes at once by clicking on the [Cancel Changes](#) link. If you would like to change your initial commitment option, you may click [Change Option](#) link that is located next to the name of your selected option. Doing so removes all unsubmitted and submitted selections for your current option, as indicated in Figure 35, returning the Make Commitment screen to its state at the beginning of the initial commitment window.

Figure 35: Pop-up after clicking Change Option



7.6. No Selection

If you do not submit an initial commitment option during the initial commitment window, the incumbent will be deemed to have committed to accept modified licenses based on the FCC-proposed reconfiguration, including a modified license for any partial block. Additionally, the incumbent will not be eligible to bid in Auction 103.

7.7. Unsubmitted Options

While the initial commitment window is open, the system will not display a warning popup message if you try to navigate away from the Make Commitment screen before submitting your option but after making one or more selections relating to that option (for example, selecting to round up your holdings in a PEA). The system will preserve the current status of your selections, and if you return to the screen after navigating away, the information on the screen will remain unchanged from the time you left the screen. However, your unsubmitted commitment option will remain unsubmitted until you click on the **Submit** button.

 *Selecting radio buttons or entering block quantities does not submit the initial commitment option. You must click on the **Submit** button to submit your initial commitment option.*

8. Verifying Initial Commitments

Only initial commitment options that are submitted are processed by the initial commitment system. You should verify that your initial commitment was submitted properly before the initial commitment window closes. You may do so in two ways.

You can view a summary of your initial commitment and modified licenses (Options 1 and 2) or relinquished holdings (Option 3) on the Make Commitment screen and the My Initial Commitments file, available from the Downloads menu. Saving the downloaded My Initial Commitments file will give you a record of the initial commitment you submitted.



You should download the My Initial Commitments file each time you submit your initial commitment.

In the event you experience any problems during the initial commitment window, these files may be useful in resolving any issues.

8.1. Make Commitment screen

Once you have submitted your initial commitment, it is important that you take the additional step of verifying that your initial commitment was submitted properly. There is no separate confirmation screen. You can see your submitted initial commitment option on the Make Commitment screen. If you have submitted your initial commitment option, the text field on the top left of the screen is highlighted in green and contains summary details about your chosen initial commitment option. Additionally, you can see the total weighted MHz-pops in your reconfigured holdings and weighted MHz-pops in your modified licenses or relinquishments for each market. Figure 24 and Figure 25 show examples of submitted Options 1 and 2, respectively, and Figure 34 shows a submitted Options 3.

If you have saved but not submitted your initial commitment, the text field at the top left of the Make Commitment screen is pink, warning you that your selections or quantities are not submitted. If you have saved selections or quantities that were not submitted before the initial commitment window closed, the initial commitment system displays only the summary of the latest submitted initial commitment option.

8.2. My Initial Commitments download

You may also verify your submitted initial commitment via the My Initial Commitments file, which can be accessed from the Downloads screen, as shown in Figure 36. The My Initial Commitments download provides information about your most recently submitted option during the initial commitment window and can be accessed at any time after the initial commitment window opens. Details about the specifications for downloadable files may be found in the Auction 103 Initial Commitment file formats document located on the Auction 103 website in the Education section (available at www.fcc.gov/auction/103).

Figure 36: My Initial Commitments download

The screenshot displays the Auction 103 Initial Commitment System interface. The top navigation bar includes the 'FC Auction 103 Initial Commitment' logo, the company name 'Reliable Access, Inc', the current page 'Initial Commitment', a countdown timer 'Window closes: 0:02', and the time '04:59 PM ET 7/4/2019'. The left sidebar contains navigation options: 'Make Commitment', 'Incumbent Info', 'Messages', and 'Downloads' (which is selected). The main content area is titled 'Downloads' and contains a table with two rows of download links. The first row is 'My Updated Holdings and FCC-Proposed Reconfiguration' and the second row is 'My Initial Commitments'. At the bottom of the sidebar, it shows 'Logged in as: John Bidder' and a 'Logout' button. A copyright notice '© 2000-2019 by Power Auctions LLC' is visible at the very bottom left.

| Format | Description |
|---|--|
|  | My Updated Holdings and FCC-Proposed Reconfiguration |
|  | My Initial Commitments |

The My Initial Commitments file provides the incumbent's submitted initial commitment option that will be processed after the initial commitment window closes. The My Initial Commitments file only shows the initial commitment option that was submitted most recently. It does not contain initial commitment options that were submitted earlier during the initial commitment window but subsequently changed. The My Initial Commitments file contains the same information as that shown on the Make Commitment screen (see Section 7).

9. Viewing Results

9.1. Make Commitment screen

After the initial commitment window closes and the results have been posted, the Make Commitment screen provides a summary of your reconfigured holdings or your relinquishments. The screen has the same format as the Make Commitment screen when the initial commitment window is open and contains data that is identical to the incumbent's latest submitted initial commitment.

9.2. Downloadable Data

You can also view results by downloading the My Initial Commitments file, which after the conclusion of the initial commitment phase contains the incumbent's submitted initial commitment including the number of blocks and weighted MHz-pops that it is keeping as modified licenses or relinquishing in each market. For an incumbent that did not submit an initial commitment option, the My Initial Commitments file shows that the incumbent has committed to accepting modified licenses according to the FCC reconfiguration, including any partial block. Details about the specifications for downloadable files may be found in the Auction 103 Initial Commitment file formats document located on the Auction 103 website in the Education section (available at www.fcc.gov/auction/103).

Appendix 1: System Troubleshooting

If you continue to experience problems after following the troubleshooting instructions, please call the FCC Auctions Technical Support at (877) 480-3201, option nine; (202) 414-1250; or (202) 414-1255 (TTY) (8:00 a.m.–6:00 p.m. ET on business days).

Situation 1: Page cannot be displayed error message on first access

Figure 37: Edge connection error message

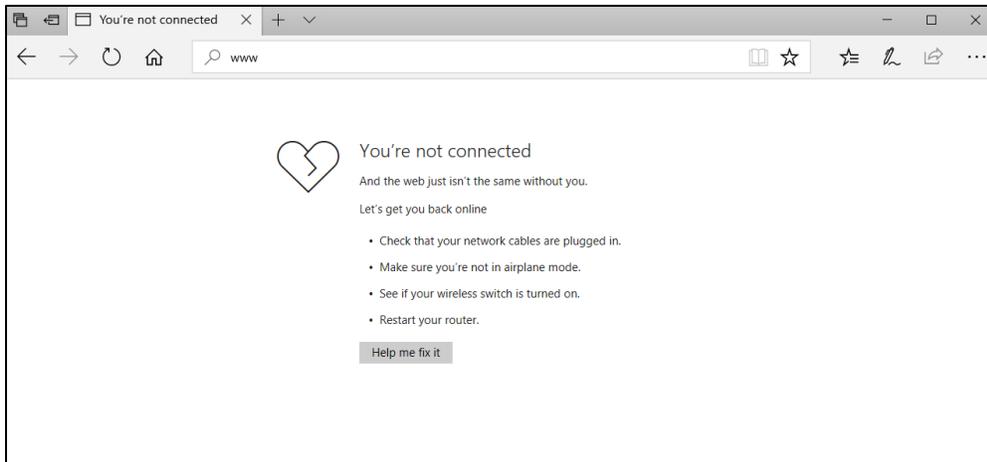
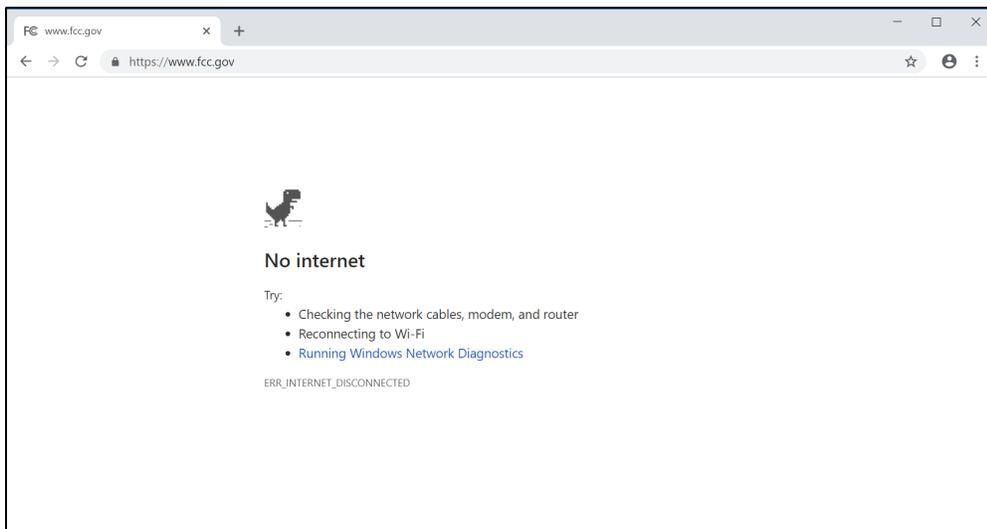


Figure 38: Google Chrome connection error message



If any of the screens shown above appear, complete the following steps:

- Confirm that the computer has external internet access. Try to access a common site on the internet such as www.google.com. If this is unsuccessful, the computer does not have external internet access.

- Confirm that you are using the correct URL for the initial commitment system.
- Confirm that your organization has not blocked access to the site. Your organization may only allow you to access certain external web sites. Check with your IT department.
- You may not have selected the “OK” button when the message appeared stating that you are about to enter a secure site. Re-start the browser and try again ensuring you click on the “OK” button.
- Confirm that you are using the correct browser version (see initial commitment system requirements in Section 3.1) by performing the following steps:
 - Edge: First, click on the tools icon  (which can be found in the top right-hand corner of your browser). Then click "Settings" and scroll down to "About this app." Make note of the version number.
 - Chrome: First, click on the tools icon  (which can be found in the top right-hand corner of your browser). Then click "Help" followed by "About Google Chrome." Make note of the version number.

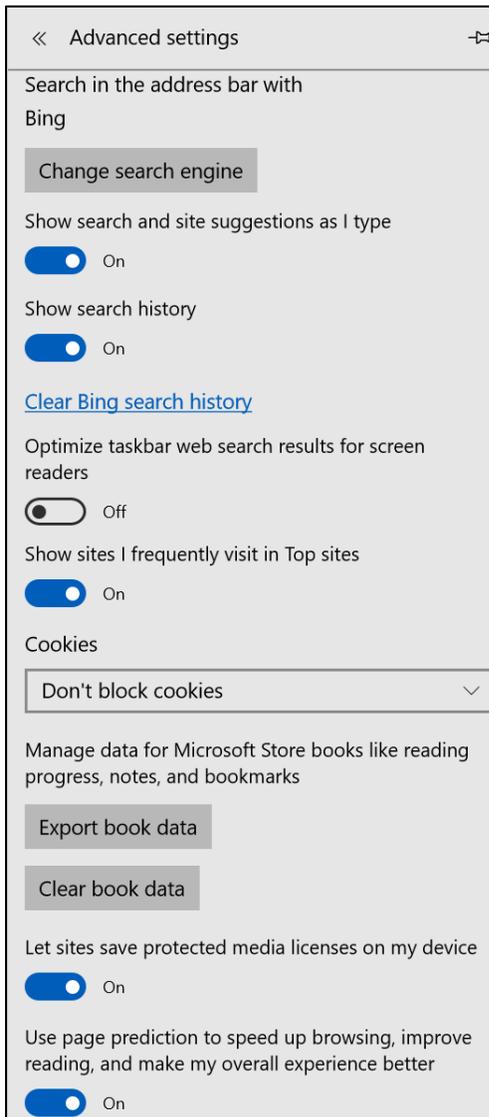
Situation 2: Cookies must be enabled error message

The initial commitment system requires that cookies are enabled on your browser. If cookies are disabled, you will see a message stating that cookies should be enabled.

To enable cookies in Edge, complete the following steps:

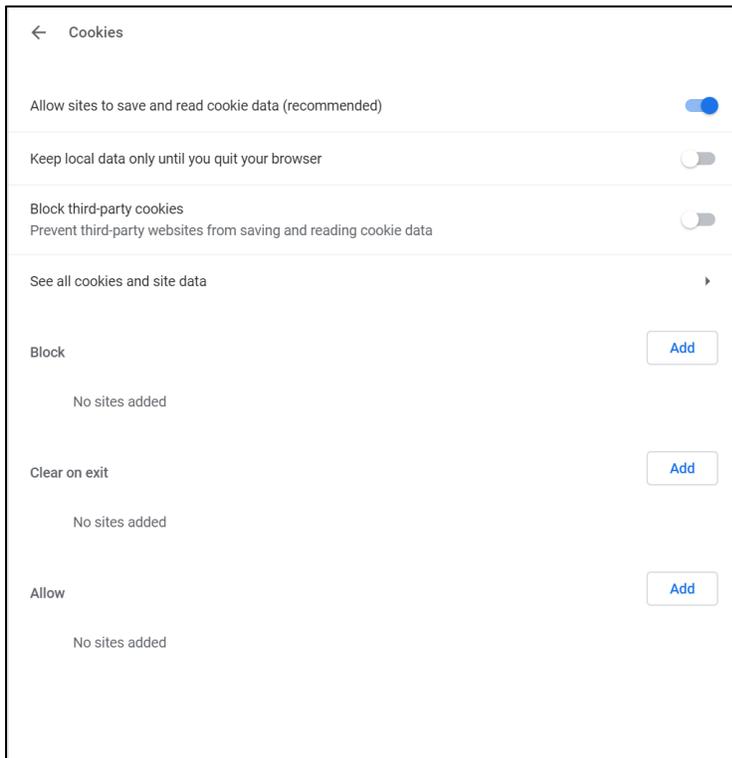
- Click on the tools icon  in the top right-hand corner of your browser.
 - Click on “Settings” and “View advanced settings”.
 - Under “Cookies” choose “Don’t block cookies” as shown in Figure 39.
 - Restart your browser.

Figure 39: Enabling cookies in Edge



To enable cookies in Chrome, complete the following steps:

- Click on the tools icon  in the top right-hand corner of your browser.
 - Click on “Settings”. At the bottom of the page, click on “Advanced”.
 - In the “Privacy and security” section, click on the “Content settings” area, and then click on the “Cookies” area to display a screen similar to that shown in Figure 40.
 - Slide the circle to the right next to the words “Allow sites to save and read cookie data (recommended)”.
 - Then close the “Settings” tab.

Figure 40: Enabling cookies in Chrome**Situation 3: JavaScript must be enabled error message**

The initial commitment system requires that JavaScript is enabled on the browser used. If JavaScript is disabled, there will be a message stating that “JavaScript in this browser is not enabled or is not working.”

Troubleshooting instructions are given below only for Chrome because JavaScript is enabled by default in Edge and cannot be changed.

To enable JavaScript in Chrome, carry out the following steps:

- Click on the tools icon  in the top right-hand corner of your browser, then “Settings,” then at the bottom of the page, click on “Advanced”.
- In the “Privacy and security” section, click on the “Content settings” area, and then click on the “JavaScript” area to display a screen similar to that shown in Figure 41.
- Slide the circle to the right next to the words “Allowed (recommended)”.
- Then close the “Settings” tab.

Figure 41: Enabling JavaScript in Chrome**Situation 4: Page cannot be displayed error message when navigating to new screen**

If you have been using the initial commitment system successfully and “page cannot be displayed” appears when you click on a link or a button, then complete the following steps:

- Click on the Refresh/Reload button to reload the page.
 - If that is successful, please verify any actions that you were taking when the message was displayed. If you were in the middle of making selections or entering quantities, those changes will have been lost, and you will need to select and resubmit your initial commitment. Any submitted initial commitment will remain unaffected.
- Re-navigate to the initial commitment system URL and, if prompted, log in again.
- If that is successful, please verify any actions that you were taking, as discussed above.
- Your internet connection may have gone down. Confirm that your computer has external internet access. Try to access a common site on the internet such as www.google.com. If this is unsuccessful, the computer does not have external internet access.
- The initial commitment system may be down. To confirm whether the initial commitment system is down, first confirm that you have internet access and then attempt to access the home page (see Section 3.2). If you are unable to view this page, or the page states that the initial commitment system is unavailable, then the initial commitment system may be down.

Situation 5: Page has expired error message when back button is clicked

Do not use the browser’s back button to access a previous screen. To move between screens, use the links and buttons in the initial commitment system.

Situation 6: Computer or web browser crashes

If the browser crashes or the computer freezes, it is recommended that you reboot the machine (or use a different machine) to access the initial commitment system.

Please review any actions that you were taking when the computer crashed. If you were in the middle of submitting an initial commitment, those changes will have been lost, and you will need to select and resubmit that initial commitment. Any submitted initial commitment will remain unaffected.

If the computer crashes while you are using the initial commitment system, you may access the initial commitment system using a different computer. When a user logs in to a second computer, whether the user has logged out of the first computer or not, the second login will automatically cause the user to be logged out of the first computer.

Situation 7: Certificate error message

If you access the initial commitment system and see a security message similar to that shown in Figure 42 (for Edge) or Figure 43 (for Google Chrome), you should not proceed. Please call FCC Technical Support at (877) 480-3201, option nine; (202) 414-1250; or (202) 414-1255 (TTY).

Figure 42: Certificate security error message in Edge

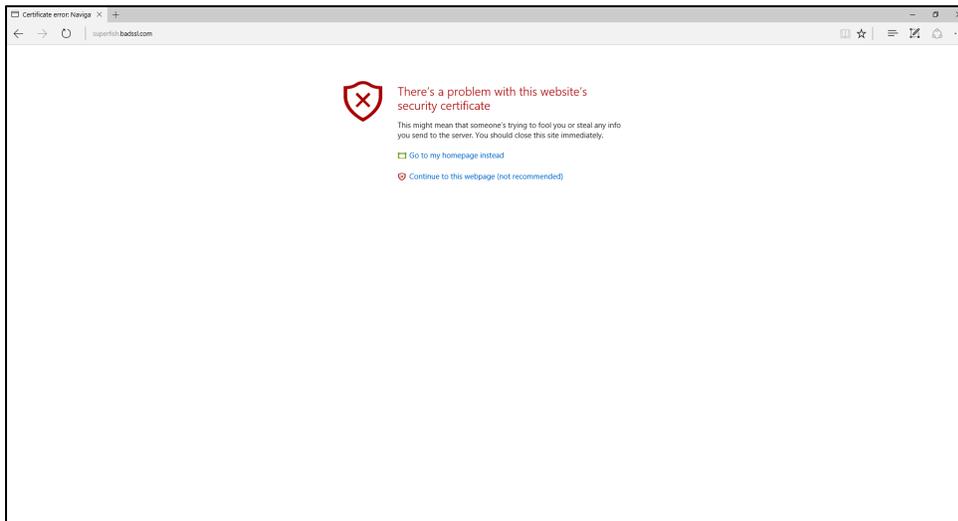
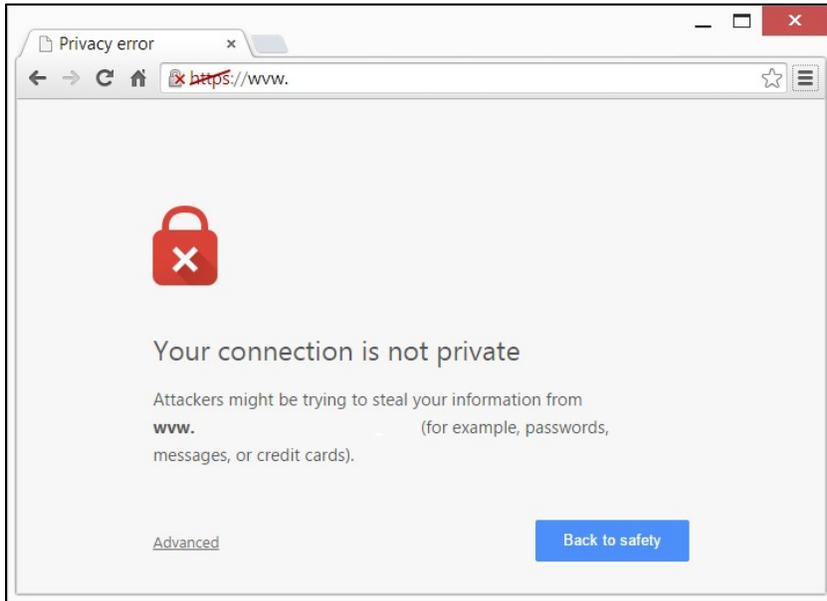


Figure 43: Certificate security error message in Chrome



Appendix 2: RSA SecurID® Token Information

For additional assistance with lost or damaged RSA tokens and for questions about changing a user (i.e. authorized individual), the person who has been designated as the contact person, or the certifying official on the incumbent's FCC Form 175-A application (designated person), should call the Auction Bidder Line telephone number provided with your registration materials.

1. Number of RSA Tokens Issued and Extra RSA Tokens

Each qualified incumbent is issued either two or three RSA tokens depending upon the number of authorized individuals it identified on its Form 175-A. An incumbent with three authorized individuals is issued three RSA tokens. An incumbent with two authorized individuals is issued two RSA tokens for its authorized individuals plus one extra RSA token. An incumbent with one authorized individual is issued one RSA token for its authorized individual plus one extra RSA token. Each incumbent is permitted to identify up to three authorized individuals on its Form 175-A.

Incumbents cannot use the extra RSA token unless they contact the FCC to activate the extra RSA token for a specific user.

Each RSA token is associated with a specific authorized individual. RSA tokens are not interchangeable among authorized individuals. The FCC must reassign the token in the RSA server for the token to become functional.

2. Replacing Lost or Damaged RSA Tokens

In the event that an RSA token is lost or damaged, the person who has been designated as the authorized individual, contact person, or certifying official listed on the incumbent's FCC Form 175-A should call the Auction Bidder Line telephone number provided with their registration materials to request activation of a replacement token.

3. Change of User (Authorized individual)

A qualified incumbent may change or replace its authorized individuals. For more information on changing the authorized individual assigned to an RSA token, the person who has been designated as the contact person or certifying official on the incumbent's FCC Form 175-A application should call the Auction Bidder Line telephone number provided with the registration materials.

Appendix 3: Glossary of Terms

| Term | Definition/Notes |
|-----------------------------|--|
| Adjusted weighted MHz-pops | The number of weighted MHz-pops of the relinquished holdings, as modified during the initial commitment window, that includes the weighted MHz-pops from the balance added by the initial commitment system into PEAs with partial blocks, to the extent possible without exceeding a full block, starting with the lowest numbered PEA |
| Alternative reconfiguration | Under Initial Commitment Option 2, a reconfiguration proposed by the incumbent of its updated holdings in PEAs in which its holdings include a partial block. An alternative reconfiguration must satisfy the following three conditions: First, an alternative reconfiguration has at most one PEA that includes a partial block. Second, for every other PEA, the number of blocks is an integer which is either equal to the updated holdings rounded down or equal to the updated holdings rounded up to the nearest integer. Third, the incumbent's total weighted MHz-pops in the alternative reconfiguration is equal to the total weighted MHz-pops in its updated holdings. |
| Assignment phase | The second phase of the Auction 103 in which winning clock phase bidders will have the opportunity to bid for their preferred combinations of frequency-specific licenses, consistent with their clock-phase winnings, in a series of single sealed-bid rounds conducted by PEA or, in some cases, PEA group |
| Auction 103 | The auction of licenses in the Upper 37 GHz (37.6–38.6 GHz), 39 GHz (38.6–40 GHz), and 47 GHz (47.2–48.2 GHz) bands |
| Auction ID | The FCC auction number for this auction, Auction 103 |
| Balance | The difference between the total weighted MHz-pops in the incumbent's Updated Holdings and the total weighted MHz-pops corresponding to quantities entered by the incumbent (i.e., Your Reconfiguration (for Options 1 and 2) or Your Redistributed Holdings (for Option 3)) |
| Block | 100 megahertz unpaired block for a PEA |
| Blocks (rounded) | The number of generic blocks of spectrum that the incumbent holds rounded to four decimal places. Blocks are calculated as the weighted MHz-pops in the incumbent's holdings in the PEA divided by the weighted MHz-pops per block for the PEA, rounded to 4 decimal places. |

| Term | Definition/Notes |
|------------------------------|---|
| Category MN | A bidding category of generic blocks in the clock phase of Auction 103, consisting of the available blocks in 37.6–40 GHz band in all PEAs—also referred to as Category M/N |
| Clock phase | The first phase of Auction 103 in which bidders will indicate their demands for a number of generic license blocks in specific categories and geographic areas (i.e., PEAs) in a series of bidding rounds |
| <i>De minimis</i> rule | If an incumbent’s holdings in a PEA after reconfiguration (FCC- or incumbent-proposed) are equivalent to less than a full new license yet would cover so much of the PEA’s population that the remaining uncovered portion should be considered <i>de minimis</i> , the incumbent is assigned a modified license that covers the full PEA. For Auction 103, the Commission adopted a 10% <i>de minimis</i> standard as a minimum for rounding up the remaining partial holding. |
| FCC-proposed reconfiguration | A reconfiguration of each incumbent’s aggregated existing holdings in the Upper 37/39 GHz band that aims to align those rights with the new band plan consisting of 100 megahertz spectrum blocks in PEAs. The FCC-proposed reconfiguration will include modified licenses for the PEAs in which the incumbent has aggregated holdings such that the incumbent will have at most a single modified partial PEA license while keeping constant the incumbent’s total weighted MHz-pops. The reconfiguration will choose the PEA with the partial license so as to minimize the unassigned weighted MHz-pops. In a PEA where an incumbent has aggregated holdings that would result in a modified license for a partial PEA, the reconfiguration either will increase the incumbent’s holding to a full PEA license, decrease the holding to zero, or for at most one PEA, assign weighted MHz-pops that will result in a partial PEA license, as needed to maintain the incumbent’s total combined holdings. |
| FRN | The incumbent’s FCC Registration Number which uniquely identifies the incumbent |
| Incumbent | Existing 39 GHz licensee(s), individual, or commonly controlled entity, or another entity that is not an existing 39 GHz licensee, but that is commonly controlled with existing 39 GHz licensee(s) and serves as an FCC Form 175-A applicant for those licensees listed in the FCC Form 175-A |

| Term | Definition/Notes |
|---------------------------|--|
| Initial Commitment Option | The Initial Commitment Representative will commit the represented 39 GHz incumbent licensees to one of three Initial Commitments: (1) accept modified licenses based on the Commission's proposed reconfiguration of the 39 GHz holdings of the incumbent(s); (2) accept modified licenses based on a submitted acceptable alternative reconfiguration submitted by the incumbent; or (3) relinquish all spectrum usage rights under the licensees' existing 39 GHz licenses in exchange for an incentive payment. |
| Initial Commitment Window | The period prior to the clock phase of Auction 103 in which an incumbent may commit to one of 3 Initial Commitment Options |
| Modified Licenses | Licenses that would be assigned to an incumbent after Auction 103, corresponding to reconfigured holdings, either from an FCC-proposed or an acceptable incumbent-proposed reconfiguration |
| Partial PEA | 100 megahertz block that covers a smaller population than the entire population in that PEA. Equivalently, a 100 megahertz block with fewer weighted MHz-pops than the total weighted MHz-pops for a block in a PEA. |
| Updated Holdings | An incumbent's existing spectrum usage rights, measured in terms of weighted MHz-pops. The equivalent number of blocks in an incumbent's updated holdings in a PEA is calculated as the updated holdings divided by the number of weighted MHz-pops in a full block in the PEA. The initial commitment system screens round this number to 4 decimal places. |
| Weighted MHz-pops | The MHz-pops in each PEA weighted using an index based on the relative prices of spectrum licenses in each PEA in other auctions. |