

1850 – 1990 MHz BROADBAND PCS  
Auction No. 58 Seminar

# Overview of Service Rules and Due Diligence

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# Disclaimer

These slides are provided by Bureau staff for informational purposes only. Nothing herein is intended to supersede any provision of the Commission's rules or public notices. These slides should not be used as a substitute for a prospective applicant's review of the Commission's relevant orders, rules, and public notices. Prospective applicants must familiarize themselves thoroughly and remain current with the Commission's rules relating to the broadband personal communications service, rules relating to application and auction procedures, and the procedures, terms and conditions contained in the Auction No. 58 public notices.

# AUCTION #58 INFORMATION WEBSITES

- Auction Division: [wireless.fcc.gov/auctions](http://wireless.fcc.gov/auctions)  
General Information  
Pre Auction, Auction, and Post Auction Links
- Wireless Telecommunications Bureau: [wireless.fcc.gov](http://wireless.fcc.gov)  
FCC Rules and Regulations  
Broadband PCS  
International Agreements
- Universal Licensing System: [wireless.fcc.gov/uls](http://wireless.fcc.gov/uls)  
Broadband PCS Database

# Auction #58 Licenses

242 total licenses

- 2 A block licenses
- 188 C block licenses (includes partial licenses)
- 11 D block licenses (includes partial licenses)
- 20 E block licenses (includes partial licenses)
- 21 F block licenses (includes partial licenses)

# BROADBAND PCS CHANNELS

Block	Description	Frequency Bands	Bandwidth
A	15 MHz/15 MHz paired	1850 – 1865, 1930 – 1945 MHz	30
C1	7.5 MHz/7.5 MHz paired	1902.5 – 1910, 1982.5 – 1990 MHz	15
C2	7.5 MHz/7.5 MHz paired	1895 – 1902.5, 1975 – 1982.5 MHz	15
C3	5 MHz/5 MHz paired	1895 – 1900, 1975 – 1980 MHz	10
C4	5 MHz/5 MHz paired	1900 – 1905, 1980 – 1985 MHz	10
C5	5 MHz/5 MHz paired	1905 – 1910, 1985 – 1990 MHz	10
D	5 MHz/5 MHz paired	1865 – 1870, 1945 – 1950 MHz	10
E	5 MHz/5 MHz paired	1885 – 1890, 1965 – 1970 MHz	10
F	5 MHz/5 MHz paired	1890 – 1895, 1970 – 1975 MHz	10

# Licensing and Operating Rules

- Rules for Broadband PCS : 24.200 – 24.253
- License Term : 10 years from initial license grant date
- Partitioning (dividing geographic areas) and disaggregation (dividing spectrum) are permitted
- Renewal expectancy for licensees which satisfy build-out construction requirements

# Licensing and Operating Rules

- Build-out Requirements for Broadband PCS
- 30 MHz Blocks: Within 5 years must serve at least  $1/3$  of the population, and within 10 years must serve at least  $2/3$  of the population in their licensed area, or make a showing of “substantial service” to the licensed area from the original license date
- 10 MHz and 15 MHz Blocks: Within 5 years must serve at least  $1/4$  of the population in the licensed area, or make a showing of “substantial service” to the licensed area from the original license date

# Licensing and Operating Rules in Rural Areas

- **Rural Area:** A county with a population density of 100 persons per square mile or less, based upon the most recent Census data
- **Power:** There has been an increase in maximum power by 100%. For example, a base station of 300 meters or less in rural areas are allowed an increase from 1640 to 3280 watts EIRP.
- **Substantial Service:** Rules for 30 MHz Broadband PCS licenses were changed to allow carriers to provide substantial service. For rural areas, carriers have a safe harbor option.



# Application Filings

- Antenna Structure Registration  
[wireless.fcc.gov](http://wireless.fcc.gov) : Antenna Structure Registration
- Major Environmental Action  
[wireless.fcc.gov](http://wireless.fcc.gov) : Rules and Regs, Rules 1.1307 - 1.1311
- International Coordination Agreements
  - Canada  
[www.fcc.gov/ib/sand/agree/files/can-nb/pcs-bb.pdf](http://www.fcc.gov/ib/sand/agree/files/can-nb/pcs-bb.pdf)
  - Mexico  
[www.fcc.gov/ib/sand/agree/files/mex-nb/pcs1850e.pdf](http://www.fcc.gov/ib/sand/agree/files/mex-nb/pcs1850e.pdf)

# Due Diligence

## Applicant Responsibility

- Applicants should perform their individual due diligence before proceeding as they would with any new business venture. Applicants are solely responsible for identifying associated risks and for investigating and evaluating the degree to which such matters may affect their ability to bid on, otherwise acquire, or make use of licenses available in Auction No. 58.

## Pending Proceedings

- Applicants should also be aware that certain pending and future applications (including those for modification), petitions for rulemaking, requests for special temporary authority, waiver requests, petitions to deny, petitions for reconsideration, informal oppositions, and applications for review before the commission may relate to particular applicants or incumbent licensees or the licenses available in Auction No. 58. In addition, pending and future judicial proceedings may relate to particular applicants or incumbent licensees, or the licenses available in Auction No. 58. Applicants are responsible for assessing the likelihood of the various possible outcomes, and considering their potential impact on spectrum licenses available in this auction.

# Due Diligence

## Microwave Relocation

- The private and common carrier fixed microwave services operating the 1850-1990 MHz band are being relocated. The Commission has required that Broadband PCS licensees share in the cost of their relocation.
- Policies governing microwave relocation from the 1850 – 1990 MHz band can be found in FCC Rule sections; 15.307, 24.5, 24.237 – 24.253, 101.3, 101.69 – 101.81, 101.147

# Broadband PCS Database

- Universal Licensing System: [wireless.fcc.gov/uls](http://wireless.fcc.gov/uls)

Register: Get login and Password

File: Using ULS Online Filing

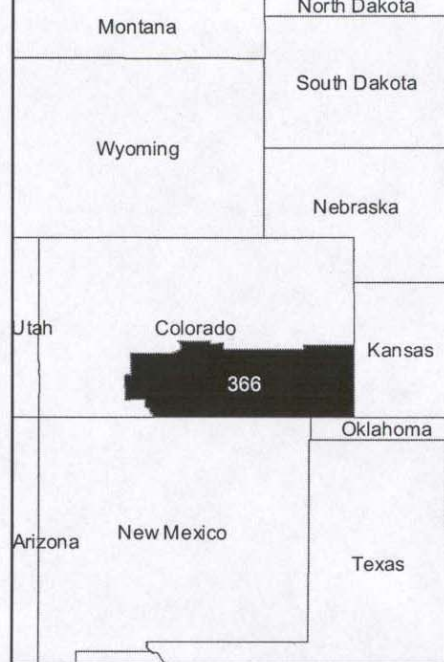
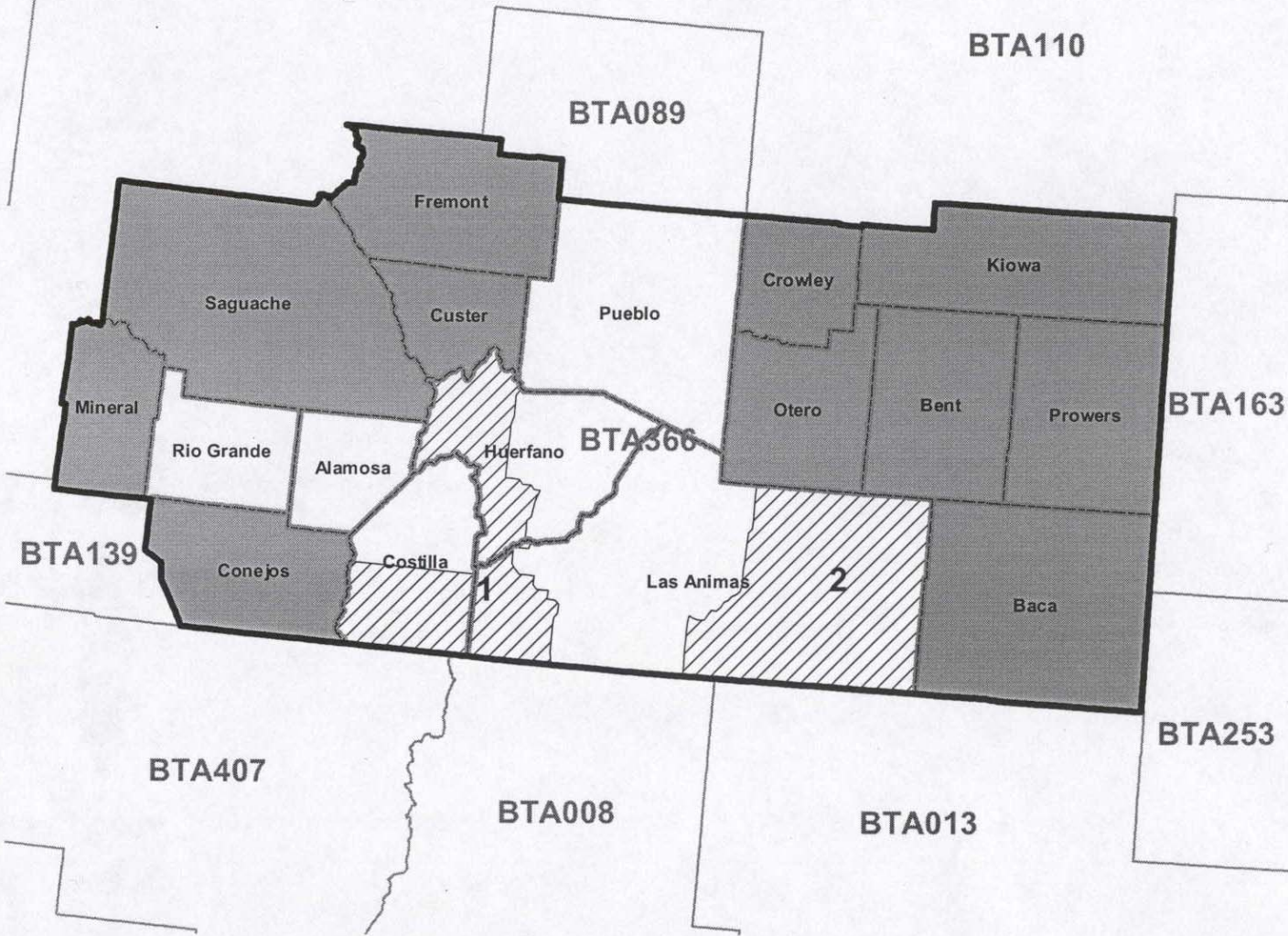
Searches: Finding Applications and Licenses




- Partial Licenses

In some cases licenses are available for only a partitioned part of the market, or may be disaggregated and not include all of the spectrum associated with a particular frequency block.



BTA168



-  BTA Boundry
-  Full County For Auction
-  Partial County For Auction

# CW-BTA366-E

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Wireless Telecommunications Bureau  
Mobility Division

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# ULS SEARCH

- Go to [wireless.fcc.gov/uls](http://wireless.fcc.gov/uls) and select License Search
- Select Market Based Search
- Enter Market Code (BTA366), Channel Block (E), and Radio Service Code (CW)
- Search Results: WPOJ357 Quest Wireless LLC
- Select Callsign
- License for Quest Wireless LLC

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