

900 MHz SMR  
Auction No. 55 Seminar

Overview of Service Rules:  
**Technical Issues**

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# Disclaimer

- ◆ 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 900 MHz Specialized Mobile Radio ("SMR") Service, rules relating to application and auction procedures, and the procedures, terms and conditions contained in the Auction No. 55 public notices.

# AUCTION #55 INFORMATION WEBSITES

- ◆ Auctions : <http://wireless.fcc.gov/auctions>  
General Information  
Pre Auction, Auction, and Post Auction Links
- ◆ Wireless Telecommunications Bureau: <http://wireless.fcc.gov>  
FCC Rules and Regulations  
900 MHz SMR  
International Agreements
- ◆ Universal Licensing System: <http://wireless.fcc.gov/uls>  
Incumbent Licensee database  
Auctioned Licensee database  
MTA/County Cross reference

# 900 MHz SMR CHANNELS

<b>Block / Channels / Description</b>	<b>Frequency Bands</b>	<b>Bandwidth</b>
A 1-10 12.5 kHz paired	896.00625-896.13125, 935.00625-935.13125 MHz	250 kHz
B 21-30 12.5 kHz paired	896.25625-896.38125, 935.25625-935.38125 MHz	250 kHz
C 41-50 12.5 kHz paired	896.50625-896.63125, 935.50625-935.63125 MHz	250 kHz
D 61-70 12.5 kHz paired	896.75625-896.88125, 935.75625-935.88125 MHz	250 kHz
E 81-90 12.5 kHz paired	897.00625-897.13125, 936.00625-936.13125 MHz	250 kHz
F 101-110 12.5 kHz paired	897.25625-897.38125, 936.25625-936.38125 MHz	250 kHz
G 121-130 12.5 kHz paired	897.50625-897.63125, 936.50625-936.63125 MHz	250 kHz
H 141-150 12.5 kHz paired	897.75625-897.88125, 936.75625-936.88125 MHz	250 kHz
I 161-170 12.5 kHz paired	898.00625-898.13125, 937.00625-937.13125 MHz	250 kHz
J 181-190 12.5 kHz paired	898.25625-898.38125, 937.25625-937.38125 MHz	250 kHz
K 201-210 12.5 kHz paired	898.50625-898.63125, 937.50625-937.63125 MHz	250 kHz
L 221-230 12.5 kHz paired	898.75625-898.88125, 937.75625-937.88125 MHz	250 kHz
M 241-250 12.5 kHz paired	899.00625-899.13125, 938.00625-938.13125 MHz	250 kHz
N 261-270 12.5 kHz paired	899.25625-899.38125, 938.25625-938.38125 MHz	250 kHz
O 281-290 12.5 kHz paired	899.50625-899.63125, 938.50625-938.63125 MHz	250 kHz
P 301-310 12.5 kHz paired	899.75625-899.88125, 938.75625-938.88125 MHz	250 kHz
Q 321-330 12.5 kHz paired	900.00625-900.13125, 939.00625-939.13125 MHz	250 kHz
R 341-350 12.5 kHz paired	900.25625-900.38125, 939.25625-939.38125 MHz	250 kHz
S 361-370 12.5 kHz paired	900.50625-900.63125, 939.50625-939.63125 MHz	250 kHz
T 381-390 12.5 kHz paired	900.75625-900.88125, 939.75625-939.88125 MHz	250 kHz

# Licensing and Operating Rules

- ◆ Rules for 935-940 MHz SMR : 90.601 – 90.689 and 90.801 – 90.816
- ◆ License Term : 10 years from initial license grant date
- ◆ Partitioning (dividing geographic areas) and disaggregation (dividing spectrum) are permitted
- ◆ Protection for incumbent licensees
  - Protection for all sites for which applications were filed on or prior to August 9, 1994 (Rule 90.663)
  - Protection to incumbents is based on a fixed separation criteria (Rule 90.621(b))

# Licensing and Operating Rules

- ◆ Build-out Requirements for MTA licenses
- ◆ Within 3 years, must provide coverage to one-third of the population of the MTA.
- ◆ Within 5 years, must provide coverage to two-thirds of the population of the MTA.
- ◆ In the alternative to these requirements, licensees may provide “substantial service” to the MTA 5 years from the license grant. If the licensee chooses this option then it must provide written notification at the three year benchmark that it has elected to show “substantial service” at the 5 year benchmark.

# Application Filings

- ◆ Antenna Structure Registration  
<http://wireless.fcc.gov> : Antenna Structure Registration
- ◆ Major Environmental Action  
<http://wireless.fcc.gov> : Rules and Regs, Rules 1.1307-1.1311
- ◆ International Coordination Agreements  
<http://www.fcc.gov/ib/sand/agree/>

# ULS Search

Go to [wireless.fcc.gov/uls](https://wireless.fcc.gov/uls) and select License Search.

Select Advanced License Search

Select the radio service codes to include in your search

GR, YS (SMR)

YD (auctioned)

Select auth. type and status criteria from License Detail

Enter a frequency range

Select the GeoSearch button

Select the desired search area (e.g. State/County)

Submit



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