

700 MHz
Public/Private Partnership
Upper D Block



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, Orders, and Public Notices relating to the 700 MHz Band service, rules relating to application and auction procedures, and the procedures, terms and conditions contained in the Auctions 73 and 76 public notices.

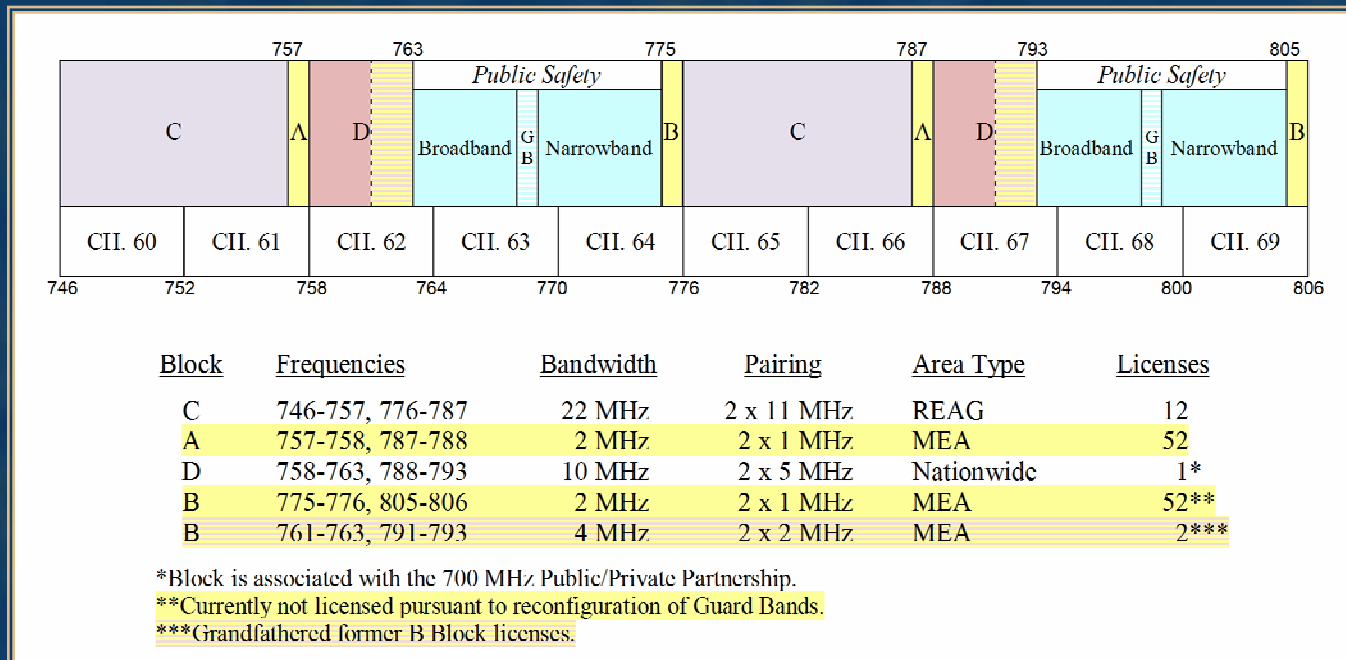


Topics

- Overview
- Network sharing agreement
- Spectrum sharing
- Network requirements
- Performance requirements
- Public safety safeguards
- Narrowband relocation obligations



Overview



- Partnership between D Block licensee (DBL) and the licensee of the adjacent Public Safety broadband spectrum, the Public Safety Broadband Licensee (PSBL)
- DBL will construct and operate network serving both D Block spectrum and public safety broadband spectrum, and provide both commercial and public safety services



Network Sharing Agreement

- Agreement to govern rights and obligations of the parties
- Negotiation rules and timeframe
- Dispute resolution
 - See sections 27.1315 and 90.1415 of the Commission's rules
 - See Public Notice, DA 07-4514 (rel. Nov. 2, 2007)



Spectrum Sharing

- Commercial services may use public safety spectrum on secondary basis
- Public safety services may use D Block spectrum in “emergencies” on a priority basis
 - See sections 27.1303(e), 27.1307, and 90.1407 of the Commission’s rules



Network Requirements

- Broadband platform interoperable across agencies, jurisdictions, and areas
- Public safety requirements for reliability, robustness, capacity, and security
- Operational capabilities typical of public safety systems
- PSBL operational control to extent necessary for public safety needs
- PSBL right to determine public safety equipment
- One handset with integrated satellite solution
 - See sections 27.1305 and 90.1405 of the Commission's rules



Performance Requirements and License Renewal

- Performance benchmarks for providing signal coverage and service at 4th, 7th, and 10th years after February 17, 2009
 - 4th year: 75% of nationwide population
 - 7th year: 95% of nationwide population
 - 10th year: 99.3% of nationwide population
 - Interstate highways and communities > 3000
- License term of 10 years
- License renewal subject to meeting material requirements of NSA, including performance benchmarks
 - See section 27.1327 of the Commission's rules

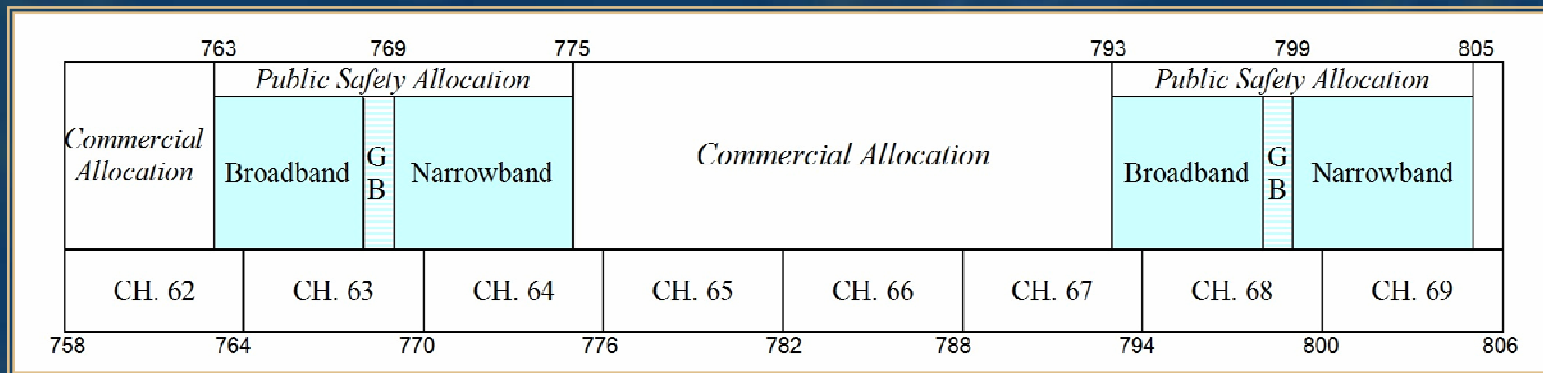


Public Safety Safeguards

- To prevent problems resulting from bankruptcy, two separate entities hold the license and network assets, respectively, and a third will operate the network
 - See sections 27.1308 and 90.1408 of the Commission's rules
- Prohibition on discontinuing service to public safety
 - See sections 27.1335 and 90.1435 of the Commission's rules
- PSBL rights to purchase network assets
 - See sections 27.1310(i) and 90.1410(i) of the Commission's rules
- Dispute resolution
 - See sections 27.1325 and 90.1425 of the Commission's rules
- Reporting requirements
 - See sections 27.1340 and 90.1440 of the Commission's rules




Narrowband Relocation



- New public safety band plan
 - Shifted public safety band 1 megahertz down
 - Consolidated narrowband in upper half of band
- Narrowband incumbents in lower half of public safety band and in the upper 1 megahertz of band must be relocated
- D Block license winner must
 - negotiate relocation plan with PSBL
 - deposit relocation funds in trust account, equal to either \$10 million or a lesser amount that the D Block license winner and PSBL have mutually agreed upon
 - See Second Report and Order, FCC 07-132, ¶¶ 340-43



References

- Second Report and Order, FCC 07-132 (rel. Aug. 10, 2007) 
Second Report and Order
- Public Notice, *Auction of 700 MHz Band Licenses, Revised Procedure for Auctions 73 and 76*, DA 07-4514 (rel. Nov. 2, 2007)
- EDOCS, http://hraunfoss.fcc.gov/edocs_public/
- Wireless Telecommunications Bureau, <http://www.wireless.fcc.gov/>
- Public Safety and Homeland Security Bureau, <http://www.fcc.gov/pshs/>



Questions?

- Questions about 700 MHz Public/Private Partnership
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