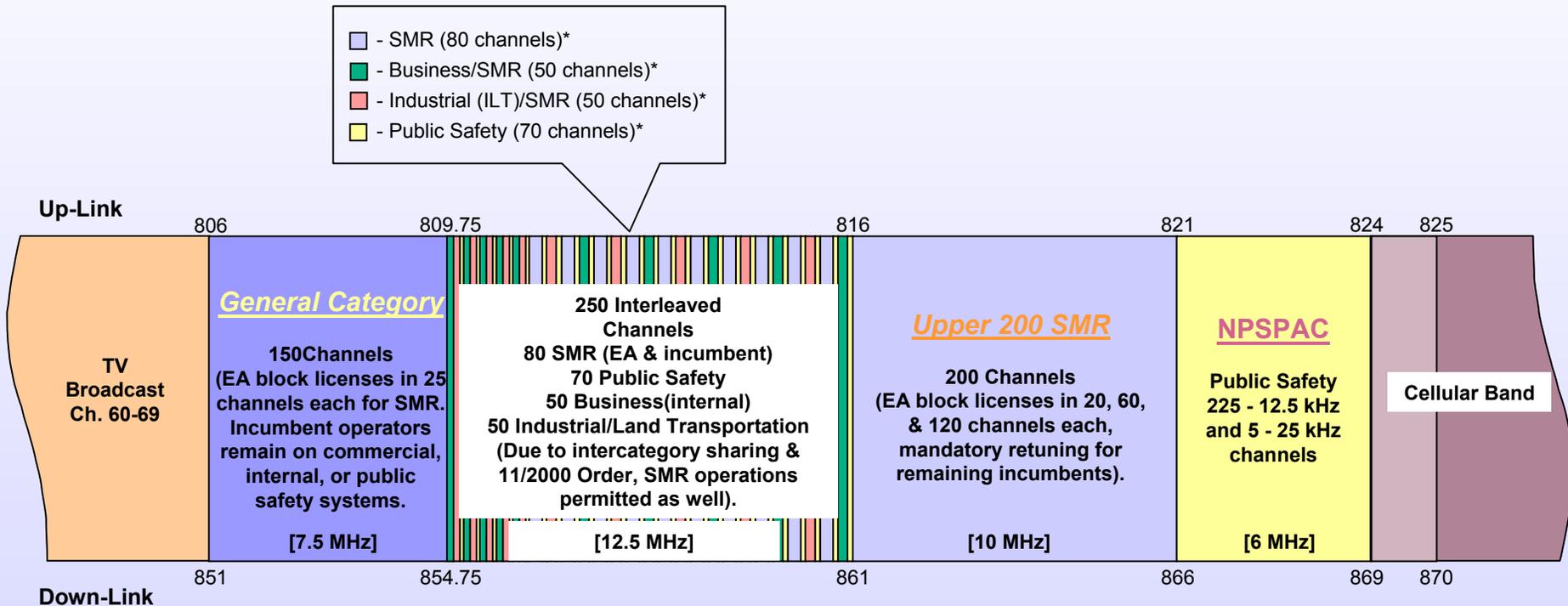


Finding a Solution to Public Safety Radio Interference

Presentation to the FCC's
Office of Engineering and Technology

FCC Spectrum Allocation of 800 MHz Band * - Today

* - Allocation for US zone (different in Mexican and Canadian border regions)



General Category

SMR/Bus/ILT and Public Safety incumbents operate conventional and trunked systems. EA Auction winners authorized over-layed 25 channel contiguous blocks (SMR only).

Interleaved Area (including Middle 80 SMR)

SMR, Bus/ILT and Public Safety incumbents operate conventional and trunked systems. SMR use on Bus/ILT spectrum is approximately 50% of Business channels and 67% of ILT channels. EA Auction winners authorized on 16 five-channel non-contiguous blocks (SMR only).

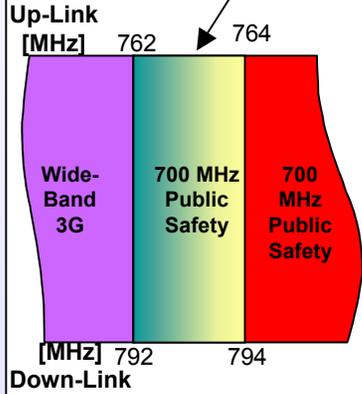
Upper 200 SMR

Three block licenses (20, 60 and 120 channels each) per EA with rights to relocate incumbents. Nextel predominant licensee of EA spectrum and has relocated or cleared over 95% of spectrum.

August 7, 2002 Consensus Plan

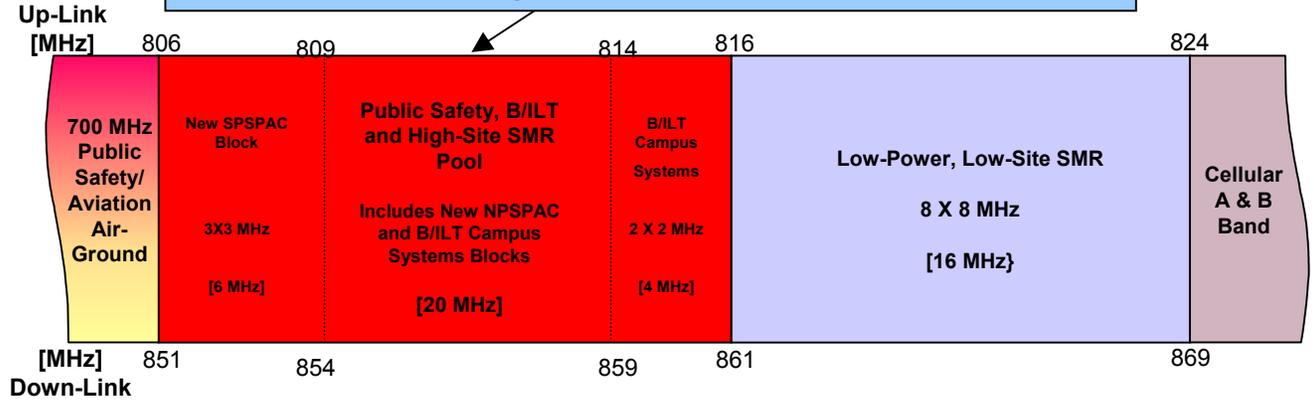
700 MHz

Nextel's 700 MHz Guard-Band Block B (4 MHz) is reallocated to Public Safety use.



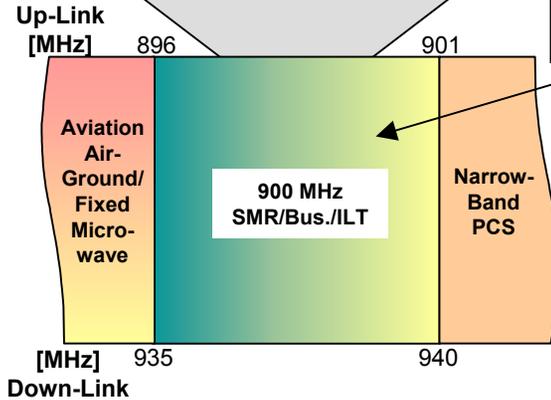
800 MHz

Public Safety Entities will have first access to new channels that were vacated by the relocated low-power, low-site SMR entities. After 5 years of public safety relocation, B/ILT licensees will have access to this pool of available channels.



900 MHz

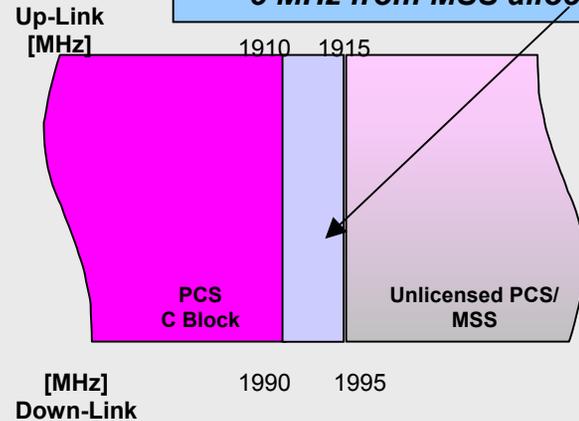
Mixed-use Analog Bus/ILT/SMR (400-12.5 kHz chs.)*



Nextel gives up its 900 MHz holding

1900 MHz

Nextel would take 10 MHz adjacent to the top of the existing PCS band [5 MHz from Unlicensed PCS and 5 MHz from MSS allocation].



Consensus Plan

Supporters

- Association of Public-Safety Communications Officials-International, Inc.
- International Association of Chiefs of Police
- International Association of Fire Chiefs
 - /International Municipal Signal Association
- Major City Chiefs Association
- National Sheriff's Association
- Major County Sheriff's Association
- Aeronautical Radio, Inc.
- American Mobile Telecommunications Association
- American Petroleum Institute
- Association of American Railroads
- Forest Industries Association
- Industrial Telecommunications Association (ITA)
- National Stone, Sand and Gravel Association
- Nextel Communications
- Personal Communications Industry Association (PCIA)
- Taxicab, Limousine and Paratransit Association

Opponents

- Cellular Competitors
- Southern Linc
- NAM/MRFAC - Boeing
- United Telecom Council (UTC)
- Satellite (MSS) and
- Multipoint Distribution Service (MDS) Licensees