



# CONGRESSIONAL and OMB UPDATES

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# Overview



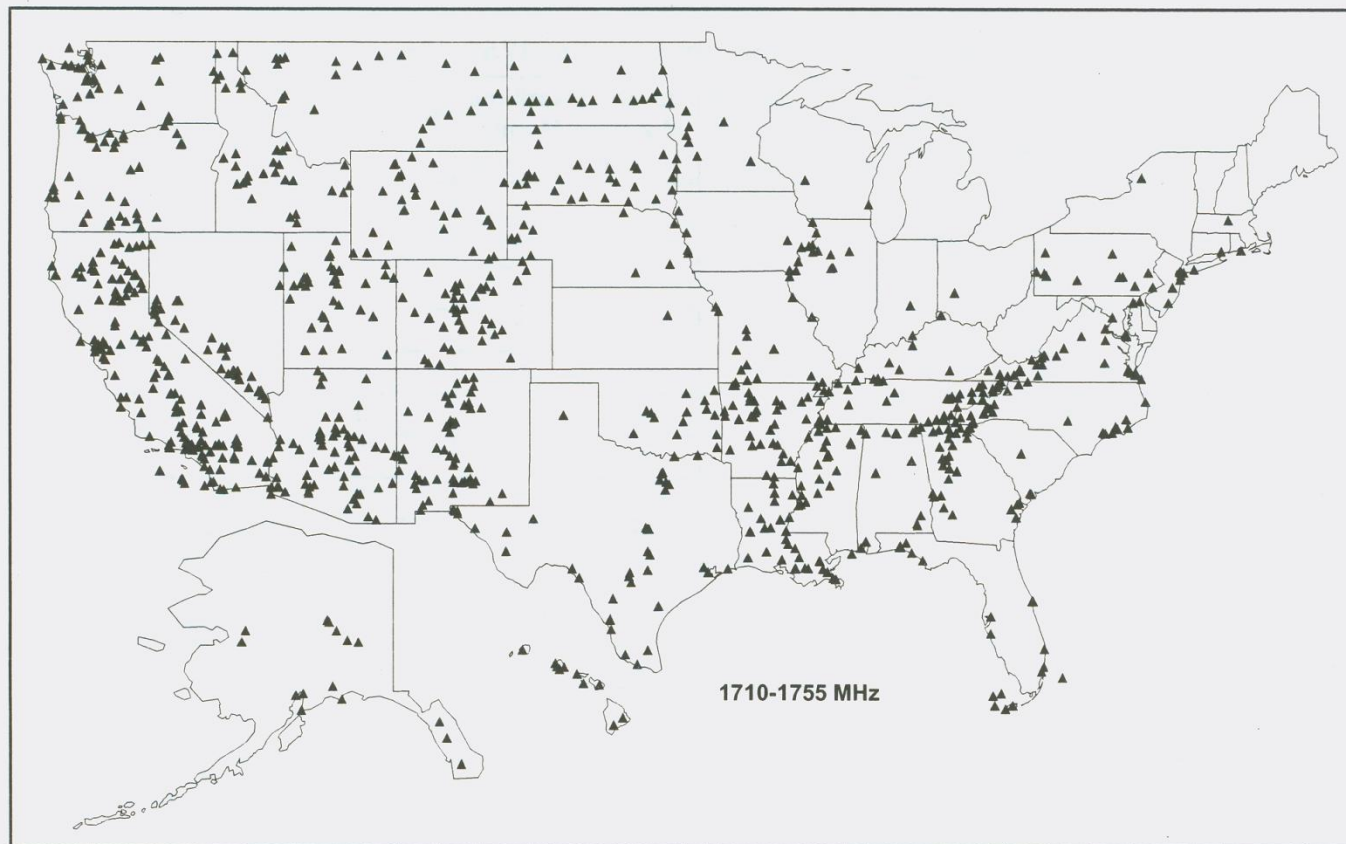
- Background
  - Commercial Spectrum Enhancement (CSEA)
    - 1710-1755 MHz Assignments
- On Going Transition Activities -1710-1755 MHz
- Summary Schedule of 1710-1755 MHz Activities
- Additional Spectrum Activities
  - Presidential Memorandum -500 megahertz – 10 year plan
  - Fast Track
    - 1675-1710 MHz
    - 1755-1780 MHz
    - 3550-3650 MHz
    - 4200-4400 (40 MHz)
  - 1755-1850 MHz Report
  - Middle Class Tax Relief Act 2012
    - Spectrum Implications
    - Revisions to CSEA
- Summary



# Background



- In December 2004 the Commercial Spectrum Enhancement (CSEA) Act, Title II of Public Law 08-494 was enacted.
  - Provided a funding mechanism for federal agencies to recover the costs associated with relocating their radio communications systems from certain bands to be auctioned for commercial purposes.
- December 2005 NTIA reported to Congress and the FCC the initial estimated relocation costs and timelines for the 1710-1755 MHz band.
  - NTIA made this information on federal operations publicly available through its website.
  - In anticipation of the Advanced Wireless Service (AWS) auction, this information was updated in June 2006.
  - 2240 Assignments
  - \$ 935,940,312



**Figure 2. Plot of Frequency Assignments in the 1710-1755 MHz Band.**

Note: The symbols may indicate multiple assignments at a geographic location, assignments may cover multiple emitters, and assignments authorized on a US&P basis are not reflected.



# 1710-1755 MHz Information Format



1. Serial Number
2. Frequency (MHz)
3. Bureau Code
4. Original Service Type
5. Original System Name
6. Transmitter/Receiver
  - Location – State
  - Geographic Location
  - Latitude (ddmmss)
  - Longitude (dddmmss)
7. Relocation Timeline (in months)
8. Cost Estimate (\$K)
9. POC for each Agency



# Background



- In August 2006, the FCC completed a successful advanced wireless services auction for this spectrum with bidders paying a total of \$14 billion.
- In February 2007, Office of Management and Budget (OMB) reported to Congress the federal relocation costs of about \$1 billion for 12 agencies.
- March 2007, OMB transferred auction proceeds to the agencies.





# Transition Activities



- For the vast majority of federal operations, primarily fixed microwave operations, this coordination is moving forward without incident
- Developed new channel plans for the 4 GHz and 7/8 GHz bands for relocated 1710-1850 MHz operations.
  - Improve Spectrum Efficiency
- Precertification of 4GHz and 7/8GHz microwave equipment to expedite relocation of new equipment. For the vast majority of federal operations, primarily fixed microwave operations, this coordination is moving forward without incident
- NTIA holds monthly meetings to coordinate and discuss relocation activities.
- NTIA maintains current agency relocation information on its website which is available to the public.
  - <http://www.ntia.doc.gov/osmhome/reports/spec relo/index.htm>



# Summary Schedule of 1710-1755 MHz Relocation Activities



- **Dec 04** : CSEA signed
- **Dec 04**: FCC notified NTIA of the auction for 1710-1755 MHz in June 2006
- **Jan 05**: NTIA Letter to Agencies announcing planned auction date, established working group, requested agencies cost estimates by Sep 15, 05
- **Sep 05**: Final cost estimates/timeline submitted to NTIA
- **Oct 05**: Cost estimates/timeline submitted to OMB
- **Dec 05**: NTIA reports (progress & policy options) to Congress
- **Dec 05**: Cost estimate/timeline submitted to FCC & Congress
- **Sept 06**: Auction Date
- **Mar 07**: Agencies start relocation process
- **2007-2013**: Agency relocation and requests for funds from OMB
  - Submission of Annual Reports





# Additional Spectrum Activities



- Spectrum Inventory – Federal Systems
- Presidential Memorandum -500 megahertz- 10 year plan
  - Identify Bands
  - Criteria
- Fast Track
  - 1675-1710 MHz
  - 1755-1780 MHz
  - 3550-3650 MHz
  - 4200-4400 (40 MHz)
- 1755-1850 MHz Report
- Middle Class Tax Relief Act 2012



# Spectrum Implications from the Middle Class Tax Relief and Job Creation Act of 2012



- **Reallocate and auction (FCC) the following:**
  - 1915 - 1920 MHz; 1995 - 2000 MHz, 2155 - 2180 MHz
  - 15 megahertz of spectrum between 1675 - 1710 MHz
  - 15 megahertz of spectrum to be identified by FCC
- **Unlicensed use in the 5 GHz band**
  - 5350 - 5470 MHz & 5850 - 5925 MHz
- **GAO Study on receiver performance and spectrum efficiency**
- **Functional responsibility of NTIA to ensure efficient use of spectrum**
- **System Certification**
  - The Director of the OMB to revise OMB circular A-11
- **New language on Relocation of and Spectrum Sharing by federal government stations**



# Relocation of and Spectrum Sharing by Federal Government Stations - Revisions to CSEA -



- Relocation and Sharing
- Reimbursement Authorized For Planning Activities and Provision Made to Allow for Pre-Auction Transfer
- Transition Plans
  - NTIA Required to Establish Common Format
  - Provides for Public Comments on Template
  - Agency Transition Plans to be Posted (non-sensitive information)
- Establishment of Technical Panel
  - OMB, FCC, and NTIA Appointees
- Establishment of Dispute Resolution Board
- OMB Issued Guidance on Transfers from Spectrum Relocation Fund For Certain Pre-Auction Costs – Nov 20, 2012
  - <http://www.whitehouse.gov/sites/default/files/omb/memoranda/2013/m-13-01.pdf>
- Annex O in the NTIA Manual to be updated



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