



Spectrum Repacking Briefing

FCC Briefing

May, 2004

Washington, DC



Transition to a Final Plan: Channel Election

✓ Challenges in 2004

- Preserve the principles adopted in 1992
- Allow for an orderly transition to the final channel plan
- Minimize disruption to current *DTV operations*
- Give *DTV licensees* the option to return to their NTSC channels or to select a new channel if their NTSC channel is not available or their service area is infringed upon



EXAMPLE

NTSC DTV

DMA

NTSC DTV

Philadelphia, PA	WCAU	10	67
Philadelphia, PA	WUVP	65	66
Philadelphia, PA	WPVI	6	64
Philadelphia, PA	WLVT	39	62
Philadelphia, PA	WHYY	12	55
Philadelphia, PA	WPHL	17	54
Philadelphia, PA	WNJN	50	51
Philadelphia, PA	WWSI	62	49
Philadelphia, PA	WFMZ	69	46
Philadelphia, PA	WMCN	53	44
Philadelphia, PA	WNJT	52	43
Philadelphia, PA	WTFX	29	42
Philadelphia, PA	WMGM	40	36
Philadelphia, PA	WYBE	35	34
Philadelphia, PA	WPSG	57	32
Philadelphia, PA	WPPX	61	31
Philadelphia, PA	WGTV	48	27
Philadelphia, PA	KYW	3	26
Philadelphia, PA	WTVE	51	25
Philadelphia, PA	WNJS	23	22
Philadelphia, PA	WNJB	58	8
Philadelphia, PA	WBPH	60	9

New York, NY	WNET	13	61
New York, NY	WLNY	55	57
New York, NY	WCBS	2	56
New York, NY	WFUT	68	53
New York, NY	WEDW	49	52
New York, NY	WABC	7	45
New York, NY	WNYW	5	44
New York, NY	WSAH	43	42
New York, NY	WXTV	41	40
New York, NY	WWOR	9	38
New York, NY	WNJU	47	36
New York, NY	WPXN	31	30
New York, NY	WFME	66	29
New York, NY	WNBC	4	28
New York, NY	WTBY	54	27
New York, NY	WNYE	25	24
New York, NY	WFTY	67	23
New York, NY	WLIW	21	22
New York, NY	WRNN	62	21
New York, NY	WMBC	63	18
New York, NY	WPIX	11	12



EXAMPLE

DMA

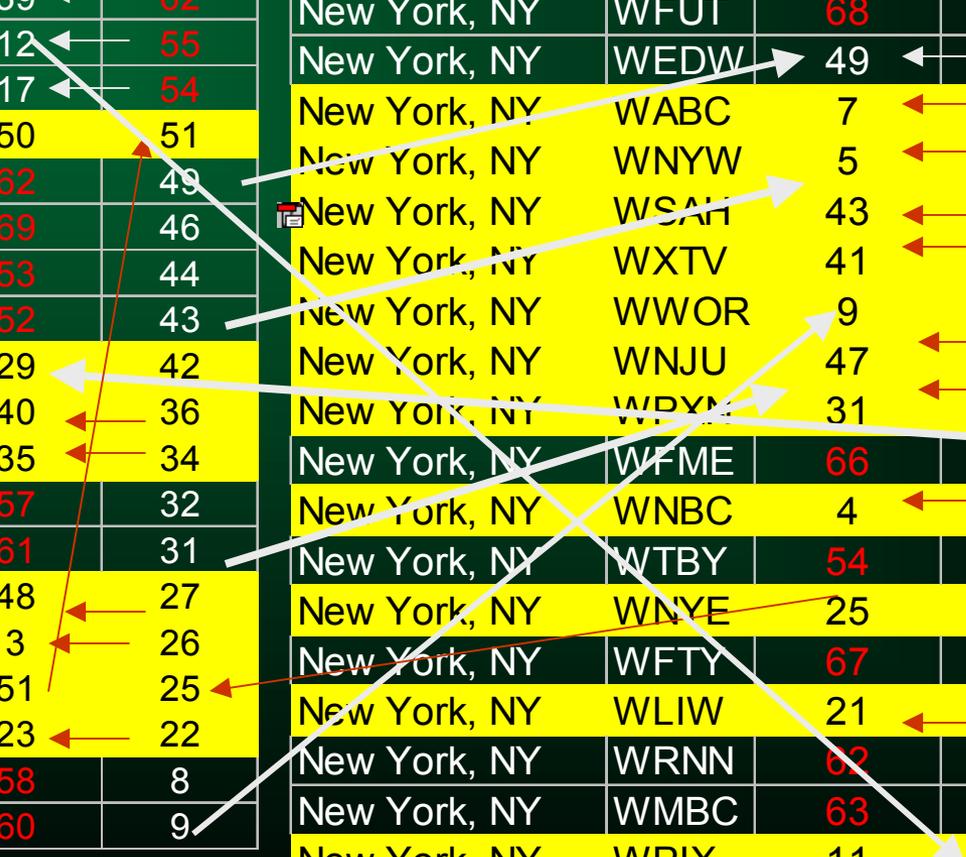
NTSC DTV

DMA

NTSC DTV

Philadelphia, PA	WCAU	10	←	67
Philadelphia, PA	WUVP	65		66
Philadelphia, PA	WPVI	6	←	64
Philadelphia, PA	WLVT	39	←	62
Philadelphia, PA	WHYY	12	←	55
Philadelphia, PA	WPHL	17	←	54
Philadelphia, PA	WNJN	50		51
Philadelphia, PA	WWSI	62		49
Philadelphia, PA	WFMZ	69		46
Philadelphia, PA	WMCN	53		44
Philadelphia, PA	WNJT	52		43
Philadelphia, PA	WTXF	29	←	42
Philadelphia, PA	WMGM	40	←	36
Philadelphia, PA	WYBE	35	←	34
Philadelphia, PA	WPSG	57		32
Philadelphia, PA	WPPX	61		31
Philadelphia, PA	WGTW	48	←	27
Philadelphia, PA	KYW	3	←	26
Philadelphia, PA	WTVE	51		25
Philadelphia, PA	WNJS	23	←	22
Philadelphia, PA	WNJB	58		8
Philadelphia, PA	WBPH	60		9

New York, NY	WNET	13	←	61
New York, NY	WLNY	55		57
New York, NY	WCBS	2	←	56
New York, NY	WFUT	68		53
New York, NY	WEDW	49	←	52
New York, NY	WABC	7	←	45
New York, NY	WNYW	5	←	44
New York, NY	WSAH	43	←	42
New York, NY	WXTV	41	←	40
New York, NY	WWOR	9		38
New York, NY	WNJU	47	←	36
New York, NY	WPXN	31	←	30
New York, NY	WFME	66		29
New York, NY	WNBC	4	←	28
New York, NY	WTBY	54		27
New York, NY	WNYE	25		24
New York, NY	WFTY	67		23
New York, NY	WLIW	21	←	22
New York, NY	WRNN	62		21
New York, NY	WMBC	63		18
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Channel Election Dilemma

- ✓ Licensees with both channels out-of core (1%) may infringe on the channel election option of the in-core licensees (80%) by either:
 - Taking away their channel election option, and/or;
 - Infringing on their DTV service
- ✓ Licensees that have to go back to their NTSC channel (10.3%) may not be able to replicate or maximize their service
- ✓ Licensees that have to stay on their current DTV channel (8.3%) may have their DTV service infringed upon



Attributes of Proposal

✔ Choice

- Allow **all licensees** to select their final DTV channel assignments

✔ Industry/FCC Partnership

- Preserve the FCC role of conflict resolution at the end of the process rather than have the FCC determine the details of the channel election process and criteria on infringement of service
- Involve of FCC in the process by requiring them to issue provisional licenses

✔ Orderly Transition

- Minimized disruption to existing DTV operations



The Proposal

- ✓ *Step 1: Database Clean Up (May 2004-Feb. 2005)*
 - Create an accurate FCC database
- ✓ *Step 2: First Round of Election (June 2005)*
 - Election for stations with two in-core channels
 - Request for channels by stations with two out-of-core channel
- ✓ *Step 3: FCC Initial Action (October 2005)*
 - Issue provisional authorizations for First Round requests provided that they do not cause or receive interference
 - Return requests for channel election that cause or receive interference



The Proposal (continued)

- ▼ *Step 4: Second Round of Election(December 2005)*
 - In-core DTV stations that were not granted provisional authorizations could make a second request to revert back to their NSTC channels even though their service area are affected
 - Stations with two out-of-core channels that were not granted provisional authorizations could make a second request for new channels
 - Request for a new channel by stations with one out-of-core channel
- ▼ *Step 5: FCC Action/Final Table (Year 2006)*