

NPSPAC Region 43 - Washington

800 MHz Regional Planning Committee
January 31, 2007

WSDOT Tumwater Materials Lab
Tumwater, WA

www.region43.org

Conference Call Number: (253) 512-7191
Conference ID: 143290

Please get signed up on the attendee roster

Agenda Items

- Membership

- Current Voting Members
- Secretary / Meeting Notes

- Applications

- King County Simplex Assignment of Guard Channels

- Rebanding Subcommittee Discussion

- Good of the Order

- Next Meeting

Region 43 / 800 MHz Roster

Name	Phone	Agency / Affiliation	Email	Notes
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Terry Miller	(360) 705-7019	WSDOT	millert@wsdot.wa.gov	Voting
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Spencer Bahner	(206) 224-3627	Sparling	sbahner@sparling.com	Rebanding Subcommittee
Joe Blaschka	(425) 821-8827	Adcomm Engineering	j.blaschka@adcomm911.com	Rebanding Subcommittee

King County Simplex Use of Guard Channels

WQBH539 License Modification Request

Chan	Freq	Location
603	866.0500	Countywide
605	866.0750	Countywide
607	866.1000	Countywide
609	866.1250	Countywide
611	866.1500	Countywide
641	866.5500	Countywide
643	866.5750	Countywide
645	866.6000	Countywide
647	866.6250	Countywide
649	866.6500	Countywide
728	867.6875	Countywide

Existing Use

US Primary	Chan	Frequency	Plan	Assigned Agency	Assigned County	Date	Location / Notes
No	603	866.0500	Guard	WSDOT	Statewide	May-98	Mobile License
No	603	866.0500	Guard	King County	King	Proposed	Mobile License (Proposed)
No	605	866.0750	Guard	SERS	Snohomis	Oct-00	Mobile License
No	605	866.0750	Guard	King County	King	Proposed	Mobile License (Proposed)
No	607	866.1000	Guard	Tacoma	Pierce	Feb-04	Mobile License
No	607	866.1000	Guard	SERS	Snohomis	Oct-00	Mobile License
No	607	866.1000		King County	King	Proposed	Mobile License (Proposed)
No	609	866.1250	Guard	WSDOT	Statewide	May-98	Mobile License
No	609	866.1250	Guard	King County	King	Proposed	Mobile License (Proposed)
No	611	866.1500	Guard	Tacoma	Pierce	Feb-04	Mobile License
No	611	866.1500	Guard	SERS	Snohomis	Oct-00	Mobile License
	611	866.1500	Guard	King County	King	Proposed	Mobile License (Proposed)
No	641	866.5500	Guard	SERS	Snohomis	Oct-00	Mobile License
No	641	866.5500	Guard	Tacoma	Pierce	Feb-04	Mobile License
No	641	866.5500	Guard	King County	King	Proposed	Mobile License (Proposed)
No	641	866.5500	Reg 35	Portland OR	Multnomah	May-02	Portland Fireground
No	643	866.5750	Guard	Tacoma	Pierce	Feb-04	Mobile License
No	643	866.5750	Guard	King County	King	Proposed	Mobile License (Proposed)
No	643	866.5750	Reg 35	Portland OR	Multnomah	May-02	Portland Fireground
No	645	866.6000	Guard	SERS	Snohomis	Oct-00	Mobile License
No	645	866.6000	Guard	Tacoma	Pierce	Feb-04	Mobile License
	645	866.6000	Guard	King County	King	Proposed	Mobile License (Proposed)
No	647	866.6250	Guard	SERS	Snohomis	Oct-00	Mobile License
No	647	866.6250	Guard	Tacoma	Pierce	Feb-04	Mobile License
No	647	866.6250	Guard	King County	King	Proposed	Mobile License (Proposed)
No	649	866.6500	Guard	SERS	Snohomis	Oct-00	Mobile License
No	649	866.6500	Guard	Tacoma	Pierce	Feb-04	Mobile License
No	649	866.6500	Guard	King County	King	Proposed	Mobile License (Proposed)
Yes	728	867.6875	Site Specific	WSDOT	Mason	Apr-05	Kamilche
Yes	728	867.6875	Mason	WSDOT	Mason	Apr-05	Kamilche
Yes	728	867.6875	Site Specific	King County	King	Oct-02	KCCH and RJC
Yes	728	867.6875		King County	King	Proposed	Mobile License (Proposed)
Ja	Yes	728	867.6875	Mason	WSDOT	Oct-02	South Mountain

Region 43 Guidelines for Simplex Assignments on Guard Channel

Established October, 2000

- Simplex licensing will be considered and approved only on the repeater output side of designated guard channels.
- Such use will be for essential, on-scene tactical use and shall conform to the guidelines outlined in the Region 43 Plan for the use of national and regional interoperability channels.
- Such use will be on a secondary and non-interference basis to the licensed primary users on the adjacent channels
- If the simplex use creates any interference problems with the adjacent primary licensee, the simplex licensee will cease operations immediately when notified.
- The lowest possible power levels will be used, typically 15 watts or less for mobiles and fixed control stations and 3 watts for portables
- CTCSS/DCS will not be allowed on these channels
- Digital or digital encryption will be allowed within normal FCC rules

Rebanding Subcommittee

- Band Plan discussion
 - Great Lakes Draft Slide Deck
 - Discussion with Transition Administrator
- Recent FCC Comments
 - Confidentiality
 - Phase 2 RFPP Date

Great Lakes Region Public Safety Agencies
Proposed Band Plan For Canada Border Regions 1,
2, 3, and 4

[Insert Regional Planning Committee numbers and names here]

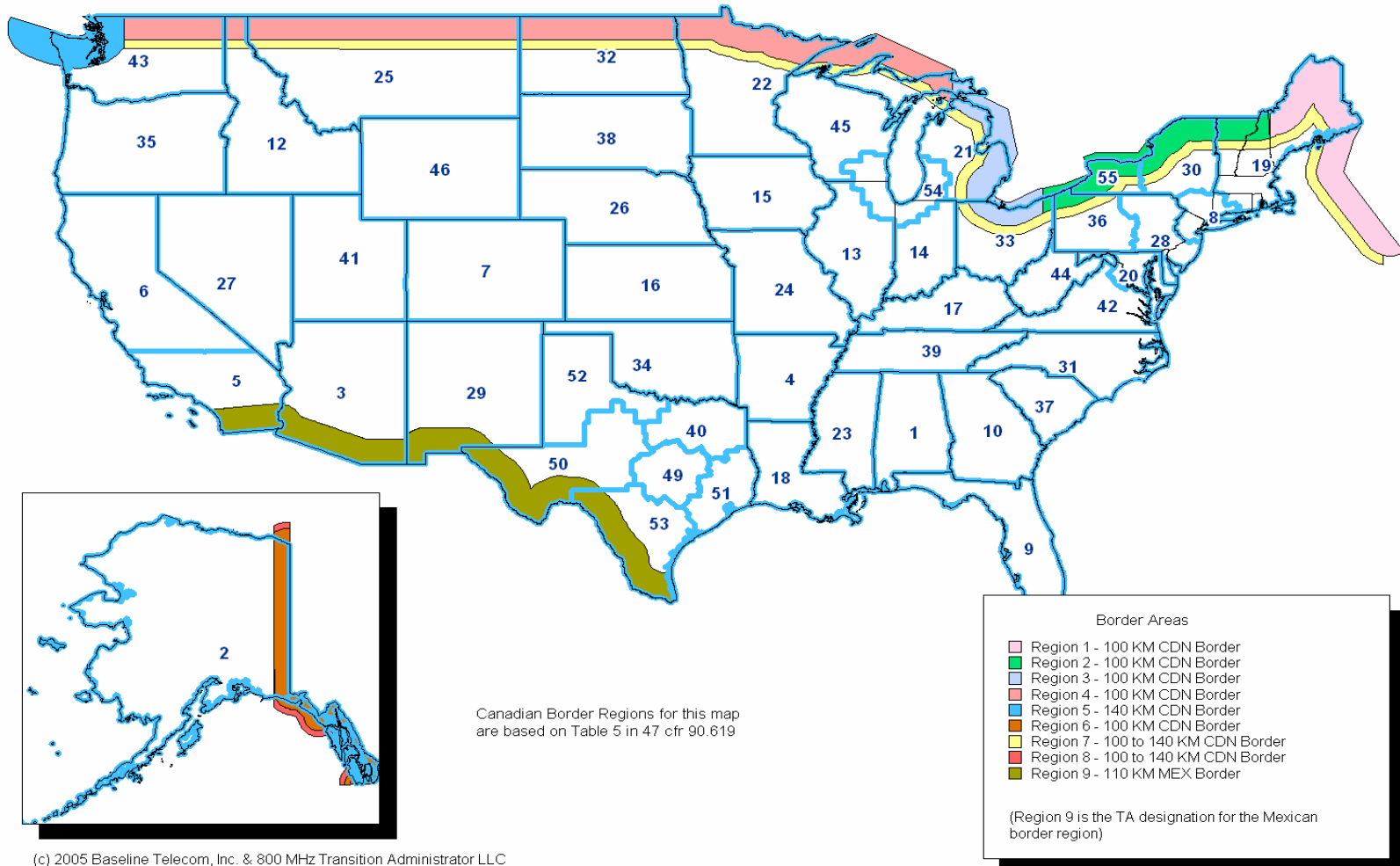
DRAFT

Assumptions and Summary

- The following presents the recommendations of the following Public Safety Agencies operating in the Great Lakes Region:
 - State of New York, PSR 55; PSR 30
 - Commonwealth of Pennsylvania, PSR 36
 - State of Ohio, PSR 33
 - State of Michigan, PSR 21
 - [List other Public Safety licensees who support this filing]
- These recommendations pertain only to Public Safety licensing and do not make recommendations pertaining to other licensees except as how they affect Public Safety
- The Great Lakes Public Safety Agencies assume that there will be no change to Canadian Allocations; however we do request clarification that the Table 25 map applies to channels in the 806 – 809 / 851 – 854 MHz band for the purposes of setting the Region 2 – Region 3 border.
- All NPSPAC Mutual Aid Channels should follow the general US and Canadian band plans. If those frequencies are currently occupied, they must be cleared. Sprint Nextel will not offer service on Canadian Mutual Aid Channels along the border.
- The number of Business, I/LT and SMR channels, and their frequency locations and ratios, may differ after reconfiguration
- The proposals for the Canadian Border Regions will also affect assignments in the Canadian Border Region 7 territory directly below Regions, 1, 2, 3, and 4 respectively. In Region 7, we recommend that:
 - No US ESMR service should be allowed below 862 MHz
 - Sprint may offer ESMR service on Canadian Mutual Aid Channels

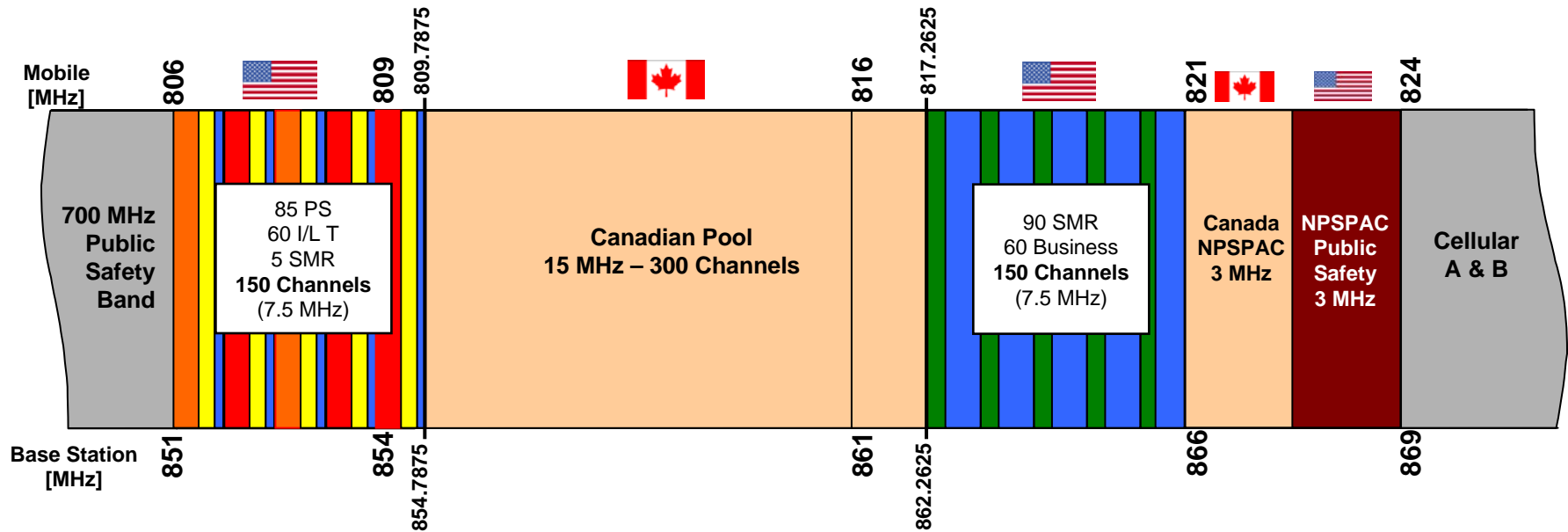
FCC-Defined 800 MHz Border Areas

**800 MHz Border Regions for non-NPSPAC channels
(NPSPAC border regions vary slightly along the OH-PA border)**



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Current Band Plan: Canadian Border Regions 1 & 4



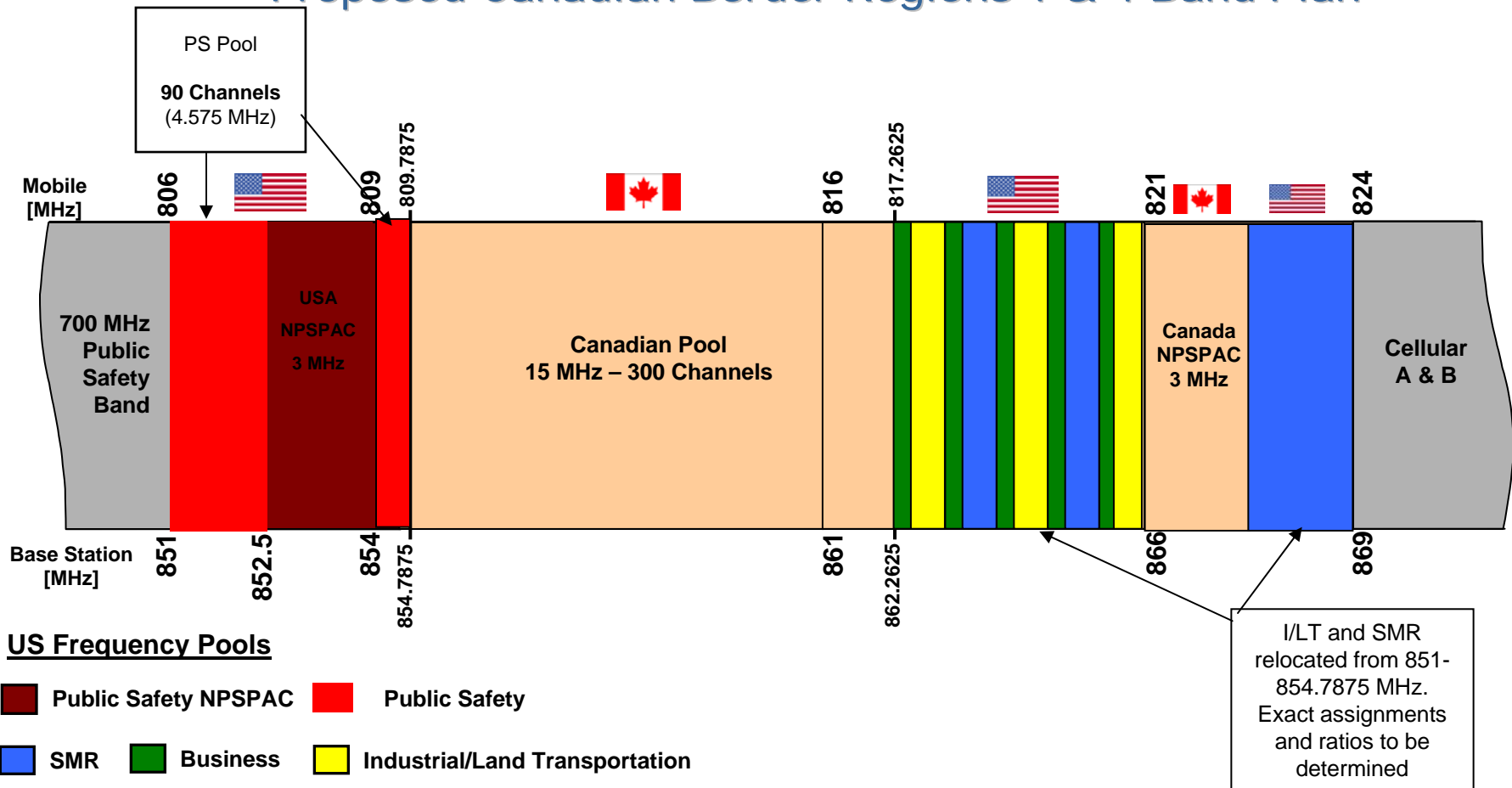
US Frequency Pools



Issue:

1. US NPSPAC is primary to Canada in only half the normal allocation.

Proposed Canadian Border Regions 1 & 4 Band Plan



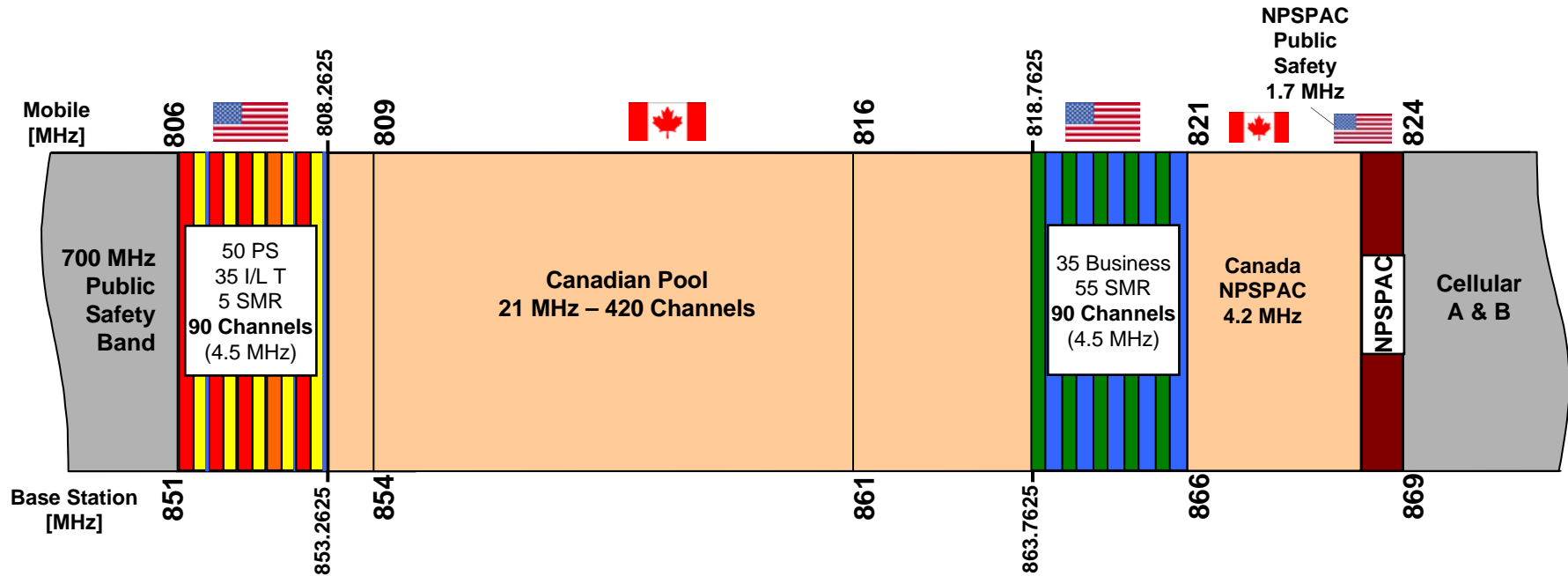
US Frequency Pools



Notes:

- No US ESMR operation secondary to Canada be allowed below 855.7875 to create a guard band for PS
- Public safety licensees currently secondary to Canada in 866.000 to 867.500 move to 851.00 to 852.500 where there are no existing US Public Safety operations, or to 854.7875 to 861.000 on a secondary basis to Canada. Movement to the Canadian primary pool may require changes to the field strength allowable levels to match the current NPSPAC Band.

Current Band Plan For Canadian Border Region 2



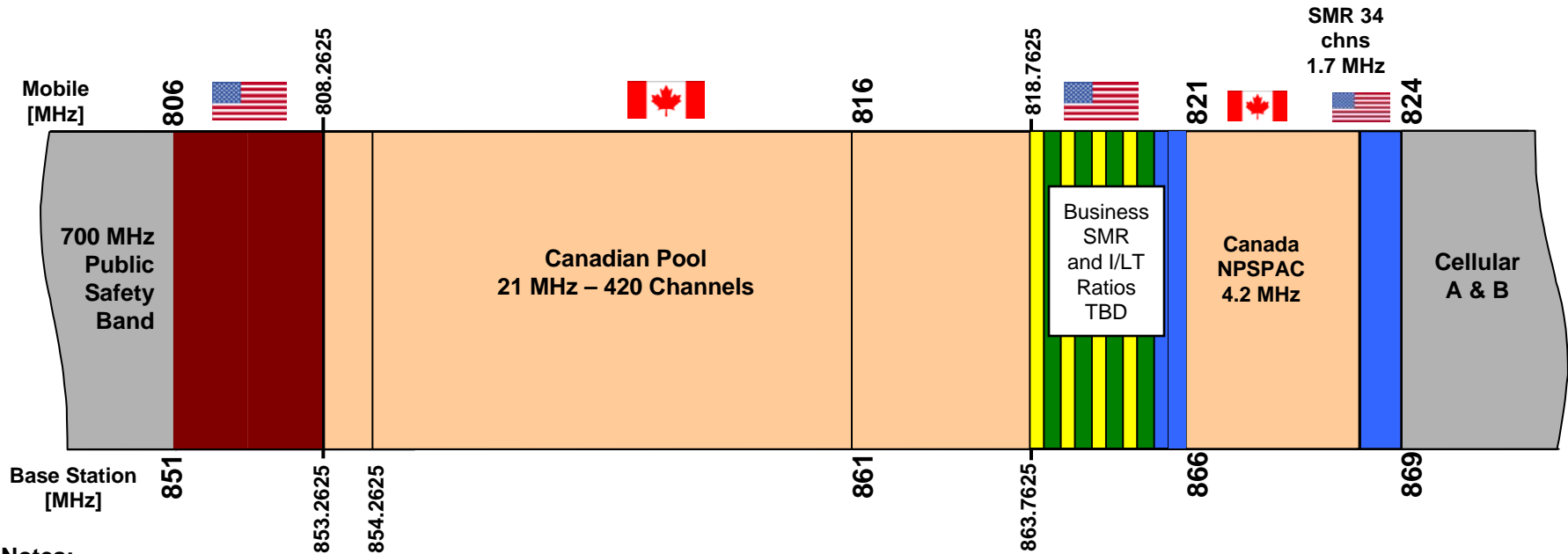
US Frequency Pools



Issues:

1. Only 1.7 MHz of US NPSPAC use is primary to the US.
2. Significant PS usage already on 851 – 854 MHz with limited options for US primary channels.
3. Current PS use in 851-854 requires a frequency-by-frequency re-pack for the NPSPAC licenses moving down

Canada Region 2 Proposed Plan



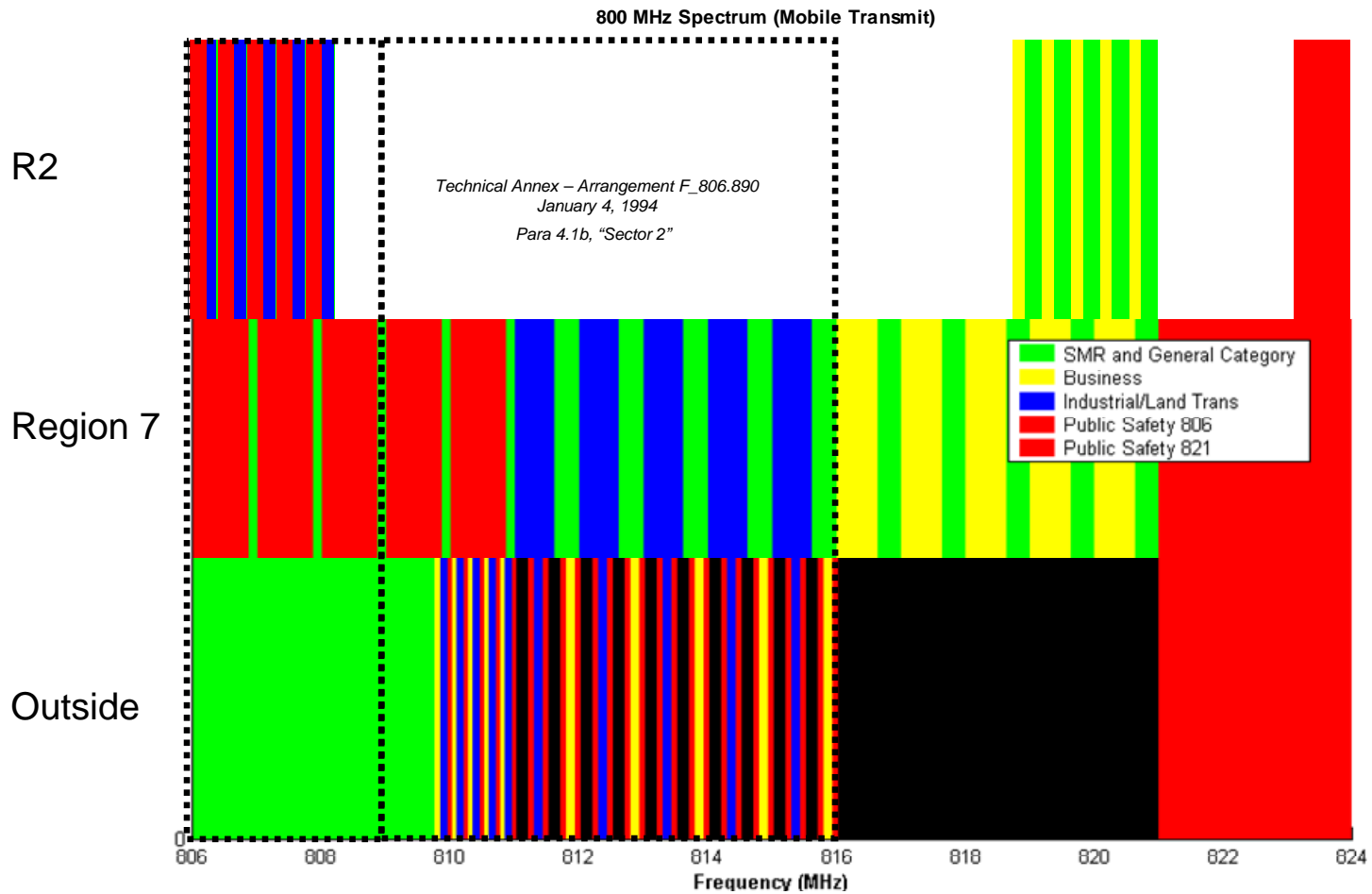
Notes:

- No US ESMR operation secondary to Canada be allowed below 854.2625 to create a guard band for PS
- Public Safety assignments within the 851 to 853.2625 sub band will follow the following order of precedence:
 1. NPSPAC Mutual Aid channels will mirror the rest of the country
 2. Existing public safety assignments below 854 will remain on their original frequency
 3. US Primary NPSPAC channels originally above 868.0125 will move down on a frequency-by-frequency re-pack
 4. Region 7 will need to move simultaneously with their corresponding border region (see next two slides); and cross-region (e.g. Region 2 to Region 3) conflicts will also need to be worked out in the re-packing

US Frequency Pools

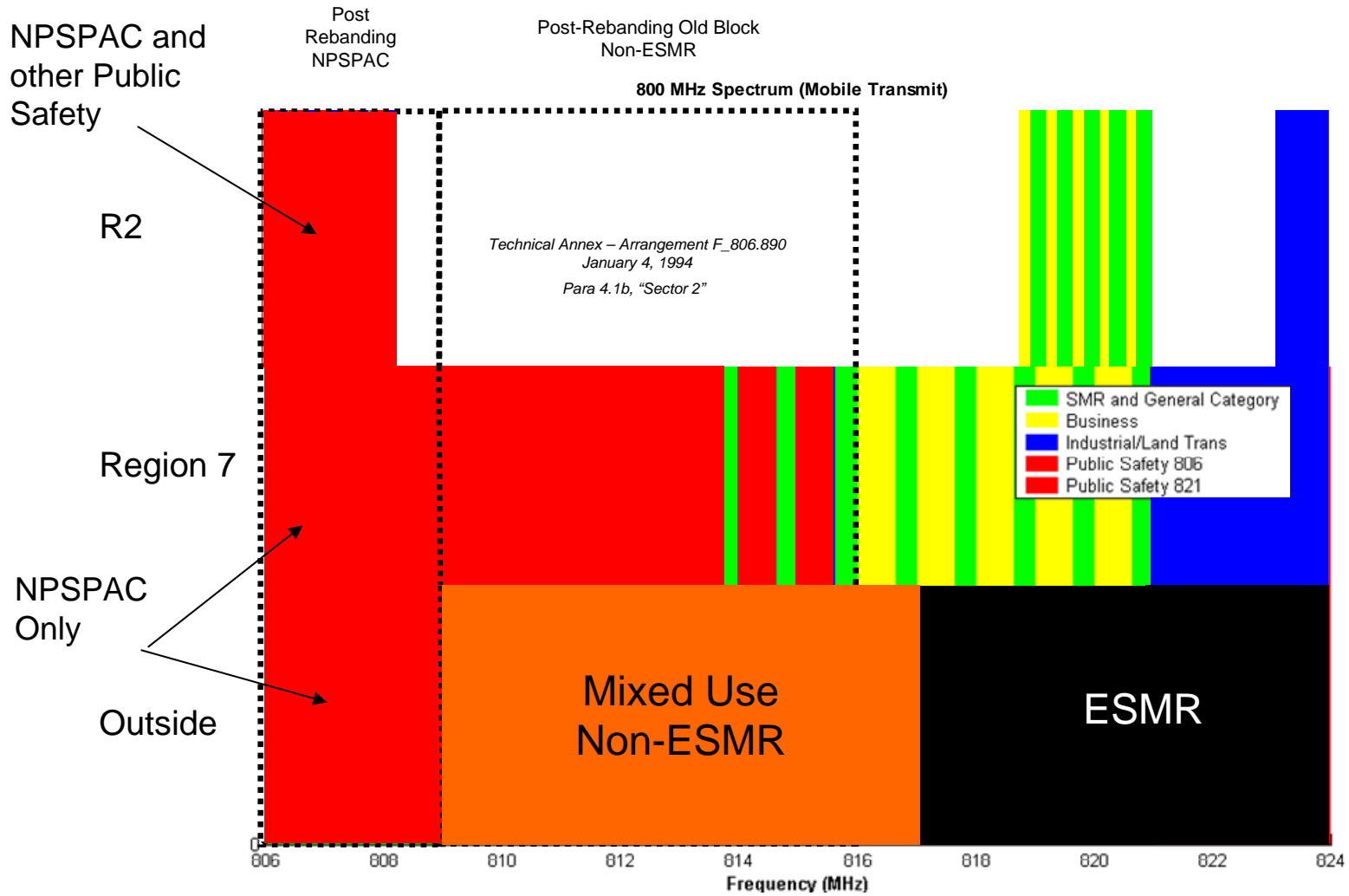
Public Safety Pool and NPSPAC
 Industrial/Land Transportation
 Business
 SMR

Current Regional Alignment: Border Region 2, Border Buffer Region 7, and Non-Border Areas



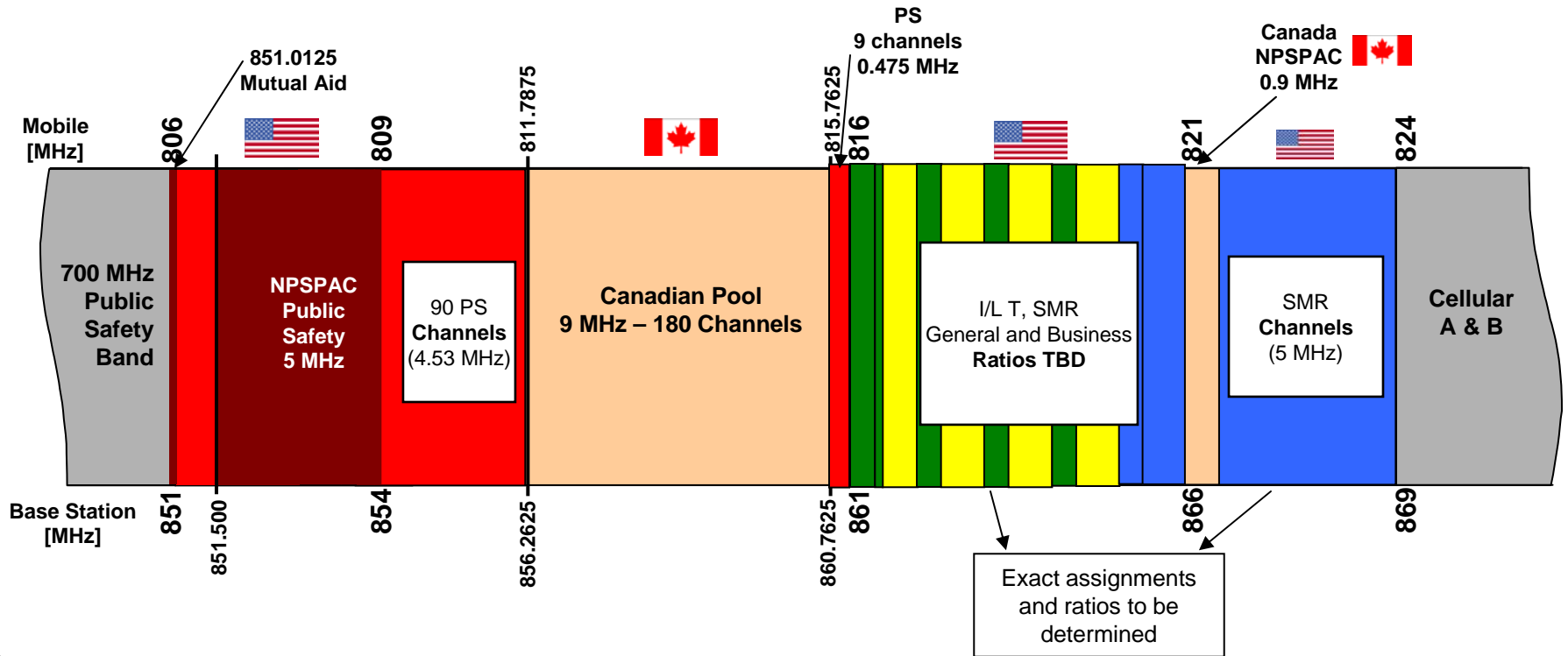
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Proposed Regional Alignment: Border Region 2, Border Buffer Region 7, and Non-Border Areas



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Proposed Canada Region 3



Notes:

- No US ESMR Secondary operation in the Canada Pool be allowed below 857.2625 or above 859.7625 to create guard bands for PS
- NPSPAC Mutual aid channels will mirror the rest of the country

US Frequency Pools

 Public Safety - NPSPAC	 Public Safety
 Industrial/Land Transportation	 SMR/General
	 Business

Good of the Order

Next Meeting

February 28, 2007

Location?

Agenda and meeting material will be posted to the web site (www.region43.org) and sent to the email listserver in advance of the meeting