

REGION-20 821 MHZ PUBLIC SAFETY REGIONAL PLAN REVIEW COMMITTEE

**Public Safety Radio Communications Plan
Region-20 821 MHz *
Maryland, Washington D.C. and Northern Virginia**

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**REGION-20 821 MHz RPRC TECHNICAL COMMITTEE REPORT:
ANALYSIS OF THE REGION-42 PC OBJECTIONS TO THE
REGION-20 821 MHz WINDOW 3 HP INTERREGIONAL COORDINATION**

APPLICANT - HARFORD COUNTY, MARYLAND

- **General Comments:** **Objection:** No systems design data to be able to calculate exact ERP.
 Response: Proposed ERP values have been supplied. Particular system parameters are unavailable as these systems are unconstructed.

- **Channel 619, 659 & 816:** **Objection:** Interference to proposed Virginia State Police system.
 Response: FCC license database search revealed no 821 MHz licenses authorized to Virginia State Police (VSP) or to the State of Virginia in the questioned area. Pursuant to FCC **ORDER** [*see* FCC **ORDER**, General Dockets Nos. 90-7 & 89-573, DA 99-2243, October 21, 1999, paragraphs 27 - 29 (attached)], Region-42 cannot protect proposed unconstructed systems. Therefore, the objections on the grounds of protecting unborn applicants are invalid. It is Region-20's further understanding that the Virginia State Police is pursuing an approach to a statewide system in the VHF (150 MHz) Band.

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APPLICANT - LOUDOUN COUNTY, VA.

- Channel 644 Objection: Co-channel with Rappahannock County, VA.
Response: The Loudoun County 5 dBu composite contour does not approach Rappahannock County. Therefore, there should be no potential for harmful interference.
- Channels 619 & 659: Objection: Interference to proposed Virginia State Police system.
Response: Same as Harford County response supra.

APPLICANT - CHARLES COUNTY, MD.

- Channel 647: Objection: Adjacent channel to Spotsylvania County, VA.
Response: The Charles County 25 dBu contour does not approach Spotsylvania County. Therefore, there should be no potential for harmful interference.
- Channel 679: Objection: Co-channel with Commonwealth of Virginia end-user.
Response: The Charles County 5 dBu contour does not approach this Commonwealth of Virginia end-user. Therefore, there should be no potential for harmful interference.
- Channel 711, 805 & 825: Objection: Interference to proposed Virginia State Police system.
Response: Same as Harford County response supra.

APPLICANT - FAUQUIER COUNTY, VA

- Channel 723: Objection: Co-channel with City of Fredericksburg, VA.
Response: The Fauquier County 5dBu contour does indeed show penetration into the City of Fredericksburg. Region-20 will delete this channel from the proposed Fauquier County assigned frequencies list.
- Channel 617 & 774: Objection: Interference to proposed Virginia State Police system.
Response: Same as Harford County response supra.
- Channel 648: Objection: Interference to proposed Hanover County, VA.
Response: Same as Harford County response supra. Though Hanover County, VA is an existing 821 MHz licensee, their use of channel 648 is proposed, not licensed, and falls under the category of an unborn applicant for this channel.

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APPLICANT - SAINT MARY'S COUNTY, MD.

- Channel 658: Objection: Co-channel with New Kent County, VA.
 Response: The Saint Mary's County 5 dBu contour does not approach New Kent County, VA. Therefore, there should be no potential for harmful interference.