

Overview of Final Report of Working Group 2 to the CSMAC

1755-1850 MHz Law Enforcement Surveillance, Explosive
Ordinance Disposal, and other short distance links

January 2013

Draft Recommendation of WG2

- ▶ Federal agencies should consider in developing their transition plans the list of 176 industry-defined Economic Areas (EAs) according to industry's geographic implementation priorities.
- ▶ While industry would prefer that federal relocation be based on these EAs, the WG2 participants acknowledged that the exact order in which agencies will be able to clear the EAs will be based on the federal agencies' operational requirements and may vary from the industry priority.

Overview of WG2

- ▶ **WG2 was co-chaired by Federal and commercial representatives:**
 - ▶ Rich Van Boestel, US Department of Justice
 - ▶ Mark Racek, Ericsson
- ▶ **WG2 was focused on two primary types of video surveillance systems operating in the 1755-1850 MHz band:**
 - ▶ Video surveillance used by Federal law enforcement agencies that are operated in all portions of the spectrum at any time and location; and
 - ▶ Land robotic systems used by Federal agencies that reduce personnel “risk to life” during explosive ordnance demolition, disposal and other uses.
 - ▶ Video surveillance operations are conducted by DHS, DOD, DOE, DOJ, DOI, HHS, HUD, OPM, Treasury, USAID, USCP and the USPS.

Scope of WG2 Efforts

- ▶ WG2, based on sharing analyses done during the Federal relocation of the 1710-1755 MHz spectrum, did not believe that sharing between video surveillance and other short range links was feasible.
- ▶ Therefore, focus of the WG2 was to develop a prioritized list of geographic areas according to industry implementation priorities, first considering 1755-1780 MHz and second 1780-1850 MHz for the potential transition of video surveillance systems.

Overview of Industry Priority List

- ▶ The industry implementation priority list developed by WG2 will be shared with other WGs. WG2 would expect this list would serve as an input for consideration as the transition plans are developed by the Federal agencies.
- ▶ Different federal agency system types and operational requirements will lend themselves to different clearing geographies and timelines.
- ▶ The geographic unit chosen, Economic Areas, was based on its probability of alignment with likely FCC licensed areas for the 1755-1850 MHz band.
- ▶ While geographic areas based on license areas makes sense and have defined geographic boundaries, there will be instances where agencies will clear larger areas.