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December 15, 2010

NOTICE OF ORAL *EX PARTE* PRESENTATION

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
The Portals
445 Twelfth Street, S.W.
Washington, D.C. 20554

Re: WT Docket No. 06-150; PS Docket No. 06-229; GN Docket No. 09-51

Dear Ms. Dortch:

On behalf of Sprint Nextel Corporation, Richard Engelman and I together with Douglas Hyslop of Wireless Strategy met yesterday with Monica DeLong, Weiren Wang, Heidi Kroll, Won Kim, Peter Trachtenberg, Ziad Sleem, Tom Peters, and Paul Murray of the Wireless Telecommunications Bureau. We discussed the *Lower 700 MHz Interference Management Study* that the Connect Public Safety Now Coalition (formerly known as the Coalition for 4G in America) submitted September 20, 2010. Mr. Hyslop, one of the study's authors, reviewed his main conclusions and responded to staff inquiries.

We addressed four primary points in support of Band Class 12 as the more inclusive, more interoperable standard for the Lower 700 MHz band. First, we explained that Band Class 12 and Band Class 17 both exceed the out-of-band emissions requirements specified in the Commission's rules and provide protection to Channel 51 far in excess of FCC minimums. Similarly, emissions from Channel 51 do not create a heightened risk of adjacent-channel or out-of-band emissions interference from Channel 51 into Lower 700 MHz B and C Blocks when using Band Class 12. Second, Band Class 12 devices will not experience harmful reverse power amplifier intermodulation interference to Lower 700 MHz B and C Block devices from Channel 51 broadcast transmissions. Intermodulation interference is highly probabilistic and unlikely to occur under most real-world deployment scenarios. In the unlikely event that the confluence of events necessary to produce reverse intermodulation interference were to occur, carriers could easily preclude harmful interference by installing a single LTE base station anywhere within a few hundred meters of a Channel 51 transmitter in the relatively small number of areas where these transmitters are located. Third, the high-power transmissions in the Lower 700 MHz D and E blocks do not pose a serious receiver-blocking risk for Band Class 12 devices. As a threshold matter, the Lower 700 MHz D Block will not present any real receiver blocking interference challenge whatsoever because the lower D Block transmission will undergo significant attenuation through the specified filtering and duplexer performance of Band Class 12 devices. Similarly, Lower 700 MHz B and C Block licensees can easily manage any incremental

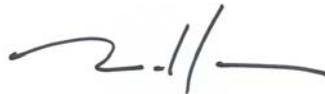
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increase in interference risk from Lower 700 MHz E Block transmissions by locating an LTE base station within 500 meters of the E Block transmission site. The one kilometer diameter available for site selection under this approach represents a sizeable area that, in Sprint Nextel's experience, is entirely consistent with network design tolerances. Fourth and finally, we noted that any carrier that has deployed Band Class 17 equipment could be permitted to continue to use that equipment for the remainder of the equipment's useful life. Requiring the use of more inclusive, more interoperable Band Class 12 for new equipment does not render the less inclusive, less interoperable Band Class 17 equipment obsolete.

Sprint Nextel, a member of the Connect Public Safety Now Coalition, concluded the meeting by reiterating its support of interoperability across the entire 700 MHz Band to ensure the development of a multiband commercial and public safety device ecosystem. Please associate this submission with the above-referenced file numbers and feel free to contact me with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Trey Hanbury', with a stylized flourish at the end.

Trey Hanbury, Esq.
Director, Sprint Nextel Corporation