



September 17, 2010

EX PARTE NOTICE

Electronic Filing

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW, Room TW-A325
Washington, D.C. 20554

Re: *Information on use of 1675-1710 MHz Band*
ET Docket No. 10-123; WT Docket No. 07-195

Dear Ms. Dortch:

On September 16, 2010, Bob Calaff, Dan Wilson, Eric Hagerson, Chris Wieczorek, Trey Jackson, and Mark Zamalloa of T-Mobile spoke via telephone with Julie Knapp, Chief of Office of Engineering and Technology, and Walter Johnston and Michael Ha, also with the Office of Engineering and Technology.

During the call the T-Mobile representatives discussed the process T-Mobile used in conducting the spectrum scan that was previously filed with the Commission in this proceeding.¹ In particular, they explained how the eight cities were selected for scanning based, in part, on the locations of systems identified in the Department of Defense IMT-2000 report.² The scanning process included using broadband spectrum analyzers located on existing T-Mobile towers with clear lines of sight to known federal government facilities. A resolution bandwidth of 30 KHz was used for the scan of the spectrum between 1755 – 1800 MHz, with particular attention paid to the spectrum between 1755 – 1780 MHz. The equipment was calibrated for the noise floor before each scan and utilized both omni-directional and directional antennas pointed towards the federal facilities.

The T-Mobile representatives expressed their belief that, based on T-Mobile's experience relocating government users in 1710-1755 MHz band, the 1755-1780 MHz band holds promise for reallocation to commercial use. They reiterated that the FCC and NTIA should continue to investigate pairing spectrum from the 1755-1780 MHz band with the AWS-3 band even if such review requires an additional six months beyond the October 1, 2010 deadline suggested in the National Broadband Plan. They also discussed T-Mobile's interest in exploring methods to share the federal band and/or coordinate with government systems operating in the 1755-1780 MHz

¹ See Letter from Ms. Kathleen O'Brien Ham, Vice President Federal Regulatory Affairs, T-Mobile USA, Inc., to Ms. Marlene H. Dortch, Secretary, Federal Communications Commission, ET Docket No. 10-123 (Aug. 16, 2010).

² See Report, Department of Defense Investigation of the Feasibility of Accommodating the International Mobile Telecommunications (IMT) 2000 Within the 1755-1850 MHz Band, Department of Defense, (Feb. 9, 2001) available at <http://www.ntia.doc.gov/ntiahome/threeg/33001/dodassessment.pdf>.

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band. They expressed the belief that it would be possible for commercial carriers to work constructively with federal users in the 1755-1780 MHz band during a transitional period of federal system relocation to ensure timely access to the spectrum, building on the lessons of the ultimately successful AWS-1 process.

Pursuant to Section 1.1206(b) of the Commission's rules, an electronic copy of this letter is being filed with the office of the Secretary.

Respectfully submitted,

/s/ Steve Sharkey

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CC: Julie Knapp; Walter Johnston; Michael Ha