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UNITED STATES GOVERNMENT

memorandum

DATE: March 25, 2016

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TO: The record, ET Docket No. 13-49

MAR 25 2016

FROM: Julius Knapp, Chief, Office of Engineering and Technology

Federal Communications Commission
Office of the Secretary

SUBJECT: *Ex parte* Summary of Meeting held March 23, 2016

On Wednesday, March 23, 2016, at the FCC in Washington, D.C., OET staff hosted a meeting that included various stakeholders in the Unlicensed National Information Infrastructure (U-NII) proceeding, ET Docket 13-49. There were approximately 50 participants, including representatives from the National Telecommunications and Information Administration (NTIA), the Department of Transportation (DoT), the unlicensed community and the automotive industry.

The purpose of the meeting was to share information among all of the stakeholders on the progress of work towards developing methods for unlicensed devices to share the 5850-5925 MHz band (5.9 GHz) without causing harmful interference to Dedicated Short Range Communications (DSRC).

OET staff stated that the Commission plans to refresh the record in the docket and will invite submittal of prototype devices for testing. Testing will be conducted in three phases, first at the FCC Laboratory, followed by basic and more comprehensive tests involving vehicles at suitable facilities.

Representatives of the IEEE "Tiger Team" summarized its work towards developing technical solutions. Consensus had not been achieved on a way forward and the Tiger Team is no longer active. The representatives noted that the Tiger Team generally agreed that further investigation and testing would be needed for the proposals that were considered.

Representatives of Cisco summarized the spectrum sharing proposal they advanced in the Tiger Team referred to as "detect and avoid" and an *ex parte* filed in December with representatives of the auto industry describing the results of proof of concept tests. Representatives of Qualcomm summarized the spectrum sharing proposal they advanced in the Tiger Team referred to as "re-channelization." Participants had an opportunity to ask questions to better understand the proposals and potential availability of prototype devices, and representatives of both proposals said they believe prototypes could be made available.

The information on the work of the Tiger Team, as well as the Cisco and Qualcomm proposals, is in the record of the proceeding. Participants were advised that the meeting was not the place for advocacy of their views and they will have an opportunity to do so in the Commission's process of refreshing the record. The Commission staff advised that the testing would be conducted in an open and transparent process and all will likely learn useful information from this process.

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