

ONE HUNDRED FIFTEENTH CONGRESS
Congress of the United States
House of Representatives

COMMITTEE ON ENERGY AND COMMERCE

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December 13, 2017

Dr. Coleman Bazelon
Principal
The Brattle Group
1800 M Street, N.W.; Suite 700 North
Washington, DC 20036

Dear Dr. Bazelon:

Thank you for appearing before the Subcommittee on Communications and Technology on Thursday, November 16, 2017, to testify at the hearing entitled “The Race to 5G and its Potential to Revolutionize American Competitiveness.”

Pursuant to the Rules of the Committee on Energy and Commerce, the hearing record remains open for ten business days to permit Members to submit additional questions for the record, which are attached. The format of your responses to these questions should be as follows: (1) the name of the Member whose question you are addressing, (2) the complete text of the question you are addressing in bold, and (3) your answer to that question in plain text.

To facilitate the printing of the hearing record, please respond to these questions with a transmittal letter by the close of business on Friday, January 5, 2018. Your responses should be mailed to Evan Viau, Legislative Clerk, Committee on Energy and Commerce, 2125 Rayburn House Office Building, Washington, DC 20515 and e-mailed to Evan.Viau@mail.house.gov.

Thank you again for your time and effort preparing and delivering testimony before the Subcommittee.

Sincerely,



Marsha Blackburn
Chairman
Subcommittee on Communications and Technology

cc: The Honorable Michael F. Doyle, Ranking Member, Subcommittee on Communications and Technology

Attachment

Additional Questions for the Record

The Honorable Greg Walden

1. Mr. Bazelon, does blanket extension of FCC auction authority derive the most value from spectrum auctions and incentivize additional auctions that unlock commercial spectrum? Or is it preferable for Congress to authorize specific auctions of specific spectrum bands?

The Honorable Gus Bilirakis

1. As discussed, the FCC has opened an inquiry for the possible use of mid-band spectrum, particularly the 3.7 to 4.2 GHz band. Satellite companies currently make use of these frequencies. Do you have any thoughts on how to quickly and efficiently proceed with 5G in this band in light of these incumbent users?

The Honorable Billy Long

1. Unlike the U.S., many other countries competing in the race to 5G don't auction their spectrum – it is simply allocated to commercial users by their government. How does the U.S. method of competition affect our ability to lead in 5G?
 - a. What are the long-term gains by auctioning spectrum?
2. As a former analyst at the Congressional Budget Office, how can we maximize the value of limited spectrum for bidders at auction?
3. As we identify more spectrum to develop a solid foundation for 5G deployment, how should the FCC think about pending proposals to bring mid-band spectrum to market quickly? Specifically, I'm interested in your view about the potential of L-band spectrum to support an advanced satellite-terrestrial network providing mission-critical connectivity for 5G and IoT applications.