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6	OVERSIGHT OF THE
7	FEDERAL COMMUNICATIONS COMMISSION
8	TUESDAY, JULY 12, 2016
9	House of Representatives,
10	Subcommittee on Communications and
11	Technology,
12	Committee on Energy and Commerce
13	Washington, D.C.
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17	The subcommittee met, pursuant to call, at 10:15 a.m., in
18	Room 2123 Rayburn House Office Building, Hon. Greg Walden
19	[chairman of the subcommittee] presiding.
20	Members present: Representatives Walden, Latta, Barton,
21	Shimkus, Blackburn, Scalise, Lance, Guthrie, Olson, Pompeo,
22	Kinzinger, Bilirakis, Johnson, Long, Collins, Cramer, Upton (ex
23	officio), Eshoo, Doyle, Welch, Yarmuth, Clarke, Loebsack, Rush,

DeGette, Butterfield, Matsui, McNerney, Lujan, and Pallone (ex
 officio).

3 Staff present: Gary Andres, Staff Director; Elena Brennan, Staff Assistant; Rebecca Card, Assistant Press Secretary; Gene 4 Fullano, Detailee, Telecom; Theresa Gambo, Admin/Human 5 Resources; Jay Gulshen, Staff Assistant; Kelsey Guyselman, 6 7 Counsel, Telecom; Grace Koh, Counsel, Telecom; David Redl, Chief 8 Counsel, Telecom; Charlotte Savercool, Professional Staff, Communications and Technology; Dan Schneider, Press Secretary; 9 10 Gregory Watson, Legislative Clerk, Communications and Technology; Jeff Carroll, Minority Staff Director; David Goldman, 11 12 Minority Chief Counsel, Communications and Technology; Jerry Leverich, Minority Counsel; Lori Maarbjerg, Minority FCC 13 14 Detailee; Dan Miller, Minority Staff Assistant; Matt Schumacher, 15 Minority Press Assistant; Ryan Skukowski, Minority Policy Analyst; Andrew Souvall, Minority Director of Communications, 16 17 Outreach and Member Services.

Mr. Walden. I call to order the Subcommittee on 1 Communications and Technology. I want to thank the chairman and 2 the commissioners for being here once again today. I think this 3 4 is our sixth oversight hearing, probably more to come before the end of the year just for scheduling purposes for all of you. 5 Obviously, it is our important responsibility to continue to be 6 7 in active dialogue with the Commission and its chairman and those 8 that we oversee. It is both our responsibility, our obligation, and a good opportunity. I was going to say and a joy. Anna says 9 fun to continue this. It is a very important segment of our 10 economy, as you know, with lots of issues at stake. 11

12 I want to just talk about several things that are on my mind this morning that I know the Commission is actively engaged in. 13 14 One, as you know, Mr. Chairman, we have four, well, I don't know, 15 since 2010 or so, complained about no update, meaningful update 16 in the ownership rules. I am told that the Commission majority 17 has now voted on that and I am also told that we probably won't see many changes when it comes to the ownership rules and 18 19 regulations in the NPRM. And yet, the marketplace to me has 20 changed dramatically since 2004. Further, the Congress has sent 21 very specific views to the Commission through the legislative 22 process that I hope have not been ignored when it comes to JSAs 23 and other issues. That would be very disappointing.

Obviously, I know several of you are concerned about the 1 future of 911 as are we. And we are also concerned about states 2 identifying in your own reports that levying money from consumers 3 4 for 911 purposes and then turnaround and spend it in non-911 related areas. And so I would like to get your views on that 5 because we are not a blank check and neither are you the consumers. 6 So ownership rules, 911, obviously pretty important when we look 7 8 at things.

9 I would love to get an update from you on the incentive 10 auction to the extent you can discuss that. Obviously, there are 11 lots of issues related to the number of participating stations, 12 the amount of spectrum available, and whether that meets up with 13 capital. We all want to see a successful auction and I know you 14 do too, and you and your teams have worked very, very hard in a 15 very complicated part of the area.

16 Merger authority continues to be an issue. It has been 17 brought to my attention by some that continue to be requirements 18 put on either sales or mergers that my opinion I get right up on 19 the line, not of extortion necessarily, but certainly pretty heavy 20 handed. I think of one involving a broadcast sale where 21 apparently there was a pending complaint about indecency and the people involved in the sale had to waive their rights of appeal, 22 23 couldn't put money in escrow in order to get approval and I would

like to know if that is true or not and why the Commission might
 have gone that way. Also, the over-billed requirements
 apparently in the Charter- Time Warner merger, I would be curious
 to know why that was necessary going forward.

5 Obviously, we remain concerned about communication among the 6 commissioners and the chairman and vice versa and how that is 7 going. We would love to get your update on your views of that 8 from each of you and the sort of process reforms that we have talked 9 about and in many cases in a bipartisan way legislated here at 10 least through the House and kind of what you are seeing in terms 11 of where the Commission is at from each of your perspectives.

12 I know having been both in the minority and the majority, it is a lot easier in the majority, but that is also where you 13 14 have to maintain, it is your responsibility to maintain an open 15 process with the minority to the extent you may have differences, but hopefully there is a fair opportunity for the minority to have 16 17 their say. We try to do that here. Sometimes we are even 18 successful at it. We pass a lot of bipartisan legislation out 19 of this subcommittee and full committee. It is always our intent 20 to get to that point if we can.

21 So obviously, a lot of issues before us. I look forward to 22 your testimony. With that, I would yield the balance of my time 23 to the vice chair of the committee, Mr. Latta.

Mr. Latta. Well, thank you very much, Mr. Chairman, for 1 yielding and thanks for our commissioners for being with us today. 2 Lately, the Federal Communications Commission has 3 4 proposed substantial rules without respect to their full effects and implications. The rules proposed on privacy requirements for 5 broadband Internet service providers go beyond protecting 6 consumers' data and fragments the current successful privacy 7 8 framework established by the Federal Trade Commission. Another example I am still very concerned with is the 9 Commission's vision on the set-top box proposal. No one is 10 opposed to the goal of promoting alternatives to pay TV provider 11 12 set-top boxes, but the FCC's plan is not the answer for addressing consumer demands. 13 14 I am, however, encouraged that the Commission has seemed more 15 open to making necessary changes to the chairman's proposal. Ι urge the Commission to continue to work with the industry to 16 17 develop an alternative plan that will foster competition and innovation while protecting small TV providers from onerous 18 19 regulations, offer consumers more choice of privacy protection 20 and safeguarding programming content and license agreements. 21 Concerning the Commission's integral role in this 22 marketplace, we must be watchful of the regulatory policies it 23 places on the communications and technology industries. Today's

hearing is an opportunity to maintain proper oversight of the FCC,
 Mr. Chairman, and I look forward to today's hearing and I
 appreciate and I yield back.

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Mr. Walden. The gentleman yield's back the balance of his time. The chair recognizes the gentlelady from California, the ranking member of the subcommittee, Ms. Eshoo, for opening comments.

Mr. Eshoo. Thank you, Mr. Chairman, for holding this oversight hearing. Good morning to you, Mr. Chairman, and the members of the Commission. It is good to see all of you.

11 This is the first oversight hearing since the Federal Appeals 12 Court decision that upheld the FCC's net neutrality rules took 13 place. I think and many think the ruling was a clear victory for 14 the American people who believe in a free and open Internet and 15 ensures that the Internet will remain a platform for innovation 16 well into the future.

So congratulations to you, Mr. Chairman, to the
commissioners, to the staff, to all the public advocacy
organizations and the millions of people that contacted the
Commission.

The court's ruling also makes clear that the FCC is the sole federal agency with authority to protect broadband users' privacy. Now some still argue that the Federal Trade Commission

is the agency that should handle privacy protections for
broadband. But the fact is that the FTC lacks the authority to
do so. Under the law today, only the FCC can protect broadband
user privacy. We can have a debate over the details of what the
FCC should put into place, but I think the authority question is
settled.

Beyond privacy, the FCC has two other key issues it needs to act on before the end of the year. The first is opening up the set-top box market to more competition. The cable industry has put forward an alternative proposal and I am encouraged by the industry's recognition that competition is needed and that is actually required by law.

13 The second issue is special access reform. INCOMPAS and 14 Verizon have come together in an unprecedented way to provide the 15 FCC with a framework to promote competition in this market. And we are all grateful to Congressman Doyle for leading on this issue 16 17 relentlessly for over a decade. It is over a decade, isn't it, Mike, at least that? Yes, it feels that way anyway. 18 So I 19 urge the Commission to take advantage of the opportunities that 20 the agreement presents to finally finish special access reform 21 before the end of the year.

And finally, I think it is really a source of shame that the majority continues to attack the Lifeline Program. Now whether

1 it is an attempt to put an artificial cap on the fund or legislation 2 to outright strip support for mobile phone service, I think that 3 message is very clear. The majority is willing to rip away 4 lifesaving communication tools from our most vulnerable citizens, 5 including the ability to dial 911. I don't know which 6 commissioner would be willing to give that up themselves.

So my thanks to Chairman Wheeler for his leadership, to each commissioner for your work and for being here today, and I yield the remaining time that I have to Representative Doyle.

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Mr. Doyle. I want to thank you, Anna, for yielding to me. 10 And Mr. Chairman and the Commission, I want to add my voice to 11 12 congratulate you on your victory last month in the U.S. Court of Appeals. I am glad to see the court affirmed what I and many of 13 14 my colleagues have argued for years, that the FCC has the authority 15 to ensure that the Internet remains an open platform for 16 innovation and competition. This is a great victory for 17 consumers and the Internet ecosystem at large.

There is one area that I believe merits investigation and it is the Anti-Competitive Zero Rating, particularly when it is married with restrictive data caps. These policies, I believe, have the potential to harm consumers and inhibit innovation. I would like to see the Commission take some action to address these harmful policies.

Finally, I want to also add my voice to urge the Commission. 1 You have got three big things on the table to get done. And I 2 would hope that the Commission finds a way to work together and 3 4 get all three. Special access, I really don't want to go through another FCC commissioner on special access and I think a solution 5 is at hand. And I would urge you to follow through on that. 6 7 I also believe, like Anna, that there is a path forward on 8 There has been an alternative solution offered set-top boxes. by cable that I think merits consideration and we should take a 9 look at and with regards to privacy, I know it is tough. 10 I know there is issues between FCC and FTC, but I do believe if you all 11 work together that there is a solution to be found and I urge you 12 13 to try to do that before you finish up your work this year. Thank 14 I yield back. you. 15 Mr. Walden. The gentlelady yields back the balance of her 16 time. The chair recognizes the gentleman of the full committee, 17 the chairman of the full committee, the gentleman from Michigan, 18 Mr. Upton.

The. Chairman. Thank you, Mr. Chairman. Chairman Wheeler,
members of the Commission, thank you again for joining us.

21 Over the many times that we have convened, our message has 22 been, my message has been consistent. The FCC has jurisdiction 23 over one of the most important and vibrant sectors of our economy.

Decisions are critical to innovation, jobs, and our nation's
 leadership in global technology.

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What you do and how you do it has tremendous impact on all of us today, tomorrow, and for lots of years to come. And it matters here in Washington. It matters at home in Michigan. It matters across the country.

We ask you to follow the lead of this committee and its pursuit to improve the FCC process for the betterment of all stakeholders. And dating back to the 112th Congress, we worked in a bipartisan way to usher H.R. 2583, the FCC Process Reform Act through the House.

And we urge the agency to engage in a fair, open, transparent process in the execution of its mission. We stress that your loyalty to these things provides the certainty that nurtures innovation, investment, and job creation.

When we last met, the chairman had recently presented his colleagues with a proposal to impose new requirements on the video subscription market and a new privacy regime for Internet service providers. These proposals have the potential to harm the very sectors that are attempting to preserve and stimulate and concerns continue to grow on both sides of the aisle.

American consumers across the country and job creators are concerned with continued innovation, investment, and job creation

that the communications and technology industries have delivered 1 in the past. If you approach these significant matters and all 2 others in the last couple of months, do so with an eye towards 3 4 the successful policies that have fostered the video market and the Internet that are the cornerstones of American society. 5 Ιt is not time to throw in the towel. There remain opportunities 6 to work across the aisle to get things done that really impact 7 8 consumers, resolving concerns about rural call completion, successfully completing the incentive auction, and preventing the 9 waste, fraud, and abuse in the Universal Service Fund should be 10 11 bipartisan issues that we can agree on.

12 Let us continue to work to the better, putting more of a 13 premium on cooperation. There is a lot at stake and we need to 14 get that done. I yield the balance of my time to Ms. Blackburn. 15 Ms. Blackburn. Thank you, Mr. Chairman. I join in 16 welcoming each of you. We are so pleased that you are here. You 17 have heard a myriad of issues that we are continuing to work on 18 and appreciate that you would take the time to come and update 19 and engage in conversations with us.

Today, I am going to focus much of my attention on the set-top box issue. This is something we are hearing a good bit about and I am pleased that independent programmers have come to you with what could be an alternative approach that would still protect

content. I should say it would protect content. 1 For my content creators in Tennessee and individuals that 2 I am hearing from, they are very concerned about this, not only 3 4 in the domestic market, but what it would do to licensing agreements, etcetera, and their ability to work through this 5 process. My content creators believe that if you create 6 something, it is yours, and you deserve to be compensated on it. 7 8 So I am pleased that you are here to enter into this discussion. We appreciate so much your time and your 9 preparation, and Mr. Chairman, I yield back. 10 11 Mr. Walden. The gentlelady yields the balance of her time. 12 The chair recognizes the Good morning from New Jersey, Mr. Pallone, ranking member of the full committee. 13 14 Mr. Pallone. Thank you, Mr. Chairman. Today's hearing 15 comes weeks after the FCC's sweeping net neutrality victory before the D.C. Circuit. The court's decision was a major victory for 16 17 Internet consumers and small businesses and the ruling was a momentous step towards legal certainty that the Internet remains 18 19 an open platform for everyone. It was also a strong recognition 20 of pro-consumer and pro-innovation policies that Democrats have The court's decision helps create a 21 championed for years. 22 stronger foundation for future policies that put consumers in the 23 driver's seat.

And now as we look ahead, we still have a number of issues 1 before us including how to deal with Internet privacy. A recent 2 study by the National Telecommunications and Information 3 4 Administration found 84 percent of Americans are worried about their privacy and security online. And we must take these 5 concerns seriously. And I appreciate the Federal Trade 6 Commission who oversees privacy on websites providing thoughtful 7 8 input into the FCC's proceedings. We should give consumers more protection online and not less. 9

During this oversight hearing today, we are likely to hear more from our Republican colleagues about the Lifeline Program, that keeps our nation's low-income families connected. For months, Republicans have used charges of waste, fraud, and abuse to justify wrong-headed bills designed to rip phones away from those who need them the most.

This morning I am releasing a Democratic committee staff 16 17 report that investigated the on-going Republican charges. The report found that Republican allegations of more than \$500 million 18 19 in fraud are baseless, relying on unfounded assumptions and bad 20 In order to get to their \$500 million claim, Republicans data. 21 first assumed that every Lifeline recipient in a homeless shelter, 22 in a veterans' group home, in a nursing home or just living with 23 roommates to get by, that nearly every one of these people got

1 their phone as a result of fraud. There is simply no way to 2 justify these assumptions and it is incredibly counterproductive 3 to any serious discussions on how to improve and strengthen this 4 program.

5 Our report finds that most of the waste, fraud, and abuse 6 that have plagued the program resulted from policies the FCC 7 adopted during the Bush Administration and while some waste, 8 fraud, and abuse likely still does take place, the FCC has worked 9 hard over the past few years to track it down and wipe it out. 10 Nearly \$1 billion of unnecessary spending has been eliminated from 11 the program as a result of the FCC's actions over the last 6 years.

12 So I will repeat what I have been saying for months. Lifeline is a successful program that helps more than ten million 13 14 Americans and we need to protect it. If my colleagues are serious 15 about eliminating waste, fraud, and abuse in the program, stop these over-the-top accusations. Our report has a number of 16 17 recommendations on productive ways to move forward. And so I encourage our Republican colleagues to work with us to make this 18 19 critical program stronger.

I would like to yield, well, I want to thank the commissioners for testifying here today and I will yield the remainder of my time to Congresswoman Clarke.

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Ms. Clarke. I thank the ranking member for yielding me time.

I thank our chairman and ranking member for this morning's oversight hearing.

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Mr. Chairman and FCC commissioners, good morning. 3 4 According to the U.S. Census Bureau, by the mid-2040s, if not before, America will be a majority/minority nation, meaning that 5 the majority of Americans will be non-European descent people of 6 It is critical that his population has access to news, 7 color. 8 information, and entertainment that is reflective of their experiences and their perspective. Without this representation, 9 there is no voice reflective of their stories and without a voice, 10 our cultural content suffers, thus decreasing cross-cultural 11 12 communication and understanding.

My core concerns focus on equity and inclusion and the media and telecommunications industry. And I am particularly concerned that we are not doing enough to create parity for all stakeholders.

I recently formed the House Congressional Multi-Cultural Media Caucus where caucus members will offer suggestions and recommendations to the FCC to ensure that these tenets are considered when public policy decisions are being made. The goal is simple, to create economic sustainability and viability of multi-cultural media in any ecosystem. The owners of our nation's media are shaping the public's narrative and it is

1	important that it is inclusive in both representation on the
2	airwaves, as well as ownership of its assets.
3	Thank you very much, Mr. Ranking Member, and I yield back
4	the balance of my time, his time to him.
5	Mr. Walden. And he yields it back to the committee. So
6	thank you all for your opening comments. We will go now to the
7	chairman and the commissioners for their testimony.
8	And Mr. Chairman, we welcome you back before our
9	subcommittee. And I think you have heard from members on both
10	sides of the aisle about issues they are deeply concerned about
11	and the direction of the FCC and we appreciate your being here
12	to respond to those and any other comments you may have.

1	STATEMENTS OF THE HONORABLE TOM WHEELER; CHAIRMAN, FEDERAL
2	COMMUNICATIONS COMMISSION; THE HONORABLE MIGNON L. CLYBURN,
3	COMMISSIONER, FEDERAL COMMUNICATIONS COMMISSION; THE HONORABLE
4	JESSICA ROSENWORCEL, COMMISSIONER, FEDERAL COMMUNICATIONS
5	COMMISSION; THE HONORABLE AJIT PAI, COMMISSIONER, FEDERAL
6	COMMUNICATIONS COMMISSION; AND THE HONORABLE MICHAEL O'RIELLY,
7	COMMISSIONER, FEDERAL COMMUNICATIONS COMMISSION
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9	STATEMENT OF THE HONORABLE TOM WHEELER
10	Mr. Wheeler. Thank you very much, Mr. Chairman, Ranking
11	Member, and all members of the committee.
12	Today is a special day, obviously, with this committee coming
13	together. We also have to recognize it is a special day for
14	another reason. It is Commissioner Rosenworcel's birthday
15	today.
16	Mr. Walden. Happy birthday.
17	[Applause.]
18	Mr. Wheeler. We can find unanimity on that resolution.
19	Ms. Rosenworcel. Such a great way to spend my birthday here
20	with you all.
21	[Laughter.]
22	Mr. Walden. Is there a hint of sarcasm?
23	Mr. Wheeler. I have got three quick topics to address, some
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1 of which you also have raised, Mr. Chairman, and I look forward 2 to have questions from you and the rest of the committee: the 3 incentive auction, the national priority of 5G, and as you 4 indicated, 911, next generation 911.

The incentive auction has sure put the lie to the claim that broadcasters wouldn't show up and participate. And the credit goes to this committee, your leadership, the ranking member's leadership for your foresight, vision, and leadership in creating this first in the world auction.

The broadcasters have made available 126 megahertz. 10 And what is really significant is that 99 percent of all the licenses 11 12 that would be created are unimpaired licenses. And we spent a lot of time together worrying about impairment issues. It is the 13 14 world's first reverse auction. It worked flawlessly and kudos 15 are owed to Gary Epstein and Howard Symons and the team that has 16 been working literally for years to follow through on your 17 instructions.

And now it is time to move on to the forward auction. For as long as I can remember and I am sure you, too, that the wireless industry has been pleading for more spectrum. Well, they got it and it is beach-front spectrum at 600 megahertz. Our job is to create a market that makes that spectrum available. We now know the ask in that market and we will soon know the bid.

We have received the up-front payments from the wireless 1 carriers, qualifying them to bid. And we will shortly be issuing 2 a PN, public notice, indicating who those bidders are. 3 4 If there is no bid ask alignment, we will start over with a reduced supply and we will keep working that until the market 5 is made. Because of how licenses are assigned, the steps would 6 be 120 megahertz, 114 megahertz, 108 megahertz, 84 megahertz. 7 8 But I will remind everyone that the average of the FCC auctions over the years has been about 45 megahertz. So this is a big deal 9 no matter what the number is. 10 The bottom line is that your mandate is under way. 11 The decisions made in the design of the auction are working. 12 The 13 systems are functioning and a market has been created for the first 14 time ever. 15 On Thursday, we will vote on another important spectrum issue 16 to open up high band spectrum for fifth generation wireless 17 licensed and unlicensed spectrum. It is another world first. We 18 will be the first nation to identify high band 5G spectrum which 19 means that in the last 2 years, we have made available low band 20 spectrum, mid band spectrum, and high band spectrum. 21 Europe, by comparison, is talking about how maybe by 2020 22 they will have low band and mid band and what their plans are for 23 high band are still very much up in the air.

Our leadership in this is a national priority. The 21st century belongs to high speed, high capacity, low latency wireless networks. And if we are the first in the world to move as we are hopefully going to do on Thursday, we will create a home field advantage for those American companies and American workers who are involved in infrastructure, software and services.

Our plan is to make the spectrum available and then get out of the way of the technology. The reality of our networks that we live in today is a reality that was created years ago, a decade ago, by decisions that were made or weren't made. The decision that we are going to make on Thursday will affect where this country is going to be for decades to come.

13 Lastly, every time that I have been before you, I have urged 14 Congress to legislate, to protect public safety over the next 15 generation 911 capabilities. Mr. Chairman, thank you for raising it today. The Commission has gone about as far as our authority 16 17 can take it. I know Commissioner Rosenworcel has been touring 18 911 facilities. She wrote a spot on op ed on the topic and I know 19 she has some thoughts in her testimony. And I have some 20 recommendations in my prepared text as well.

But here is the reality. Absent congressional action, there is no national program to improve public safety by applying the technology of next generation 911. We are in the second decade

1	Mr. Walden. I thank the chairman. Obviously, we are
2	willing to have that discussion on 911. We also, I would remind
3	him, did a lot on FirstNet and enhancing that and some 911
4	enhancements there. We know there is more to be done.
5	We now recognize the former chairman, chairwoman of the
6	Commission, the gentlelady, Ms. Clyburn. Thank you for being
7	here, commissioner, we look forward to your comments.

This is a preliminary, unedited transcript. The statements within may be inaccurate, incomplete, or misattributed to the speaker. A link to the final, official transcript will be posted on the Committee's website as soon as it is available. 1 STATEMENT OF THE HONORABLE MIGNON L. CLYBURN 2 Ms. Clyburn. Thank you very much. Chairman Walden, 3 4 Ranking Member Eshoo, distinguished members of the subcommittee, thank you for the opportunity to once again appear before you this 5 morning to share my priorities and vision for a more connected 6 America. 7 Building on my mantra, community, community, in 8 April I launched a ConnectingCommunities tour as a way to hear 9 firsthand about the opportunities and challenges of bringing 10 affordable, diverse, and competitive communications services to 11 12 all Americans. 13 Last month, I traveled to the ranking member's district and 14 met several key innovators who are using technology to drive 15 advancements in healthcare, broadband infrastructure, 16 connectivity, and viewpoint diversity. Next month, I will travel 17 to Congressman Lujan's district to learn about the unique 18 communications needs of tribal communities. 19 Now as I travel the country, people voice a common refrain, 20 robust competition, affordably priced communications services, 21 and policies that will enable innovation to flourish. 22 Broadband is the way that a 21st century America connects with communities. It is with this in mind that I continue to 23

prioritize affordable broadband opportunities.

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Modernizing our Lifeline Program was a momentous step in bringing affordable broadband to more Americans, but we can and must do more to make sure those economically disadvantaged are not priced out of the digital opportunity and the digital economy.

6 Broadband is not truly available unless it is affordable. 7 How can we make this happen? It starts with better data and a 8 thorough analysis of consumer broadband costs. It also means 9 making sure that affordability is a factor in how the Commission 10 evaluates technology transitions. And it also means moving 11 forward on a permanent Mobility Fund to bring the benefits of 12 affordable mobile broadband to those currently without.

Our great nation is on the cusp of ushering in the next generation of wireless broadband with the Commission's action this week to free up high band spectrum for innovative 5G services. With an ever-increasing percentage of low-income Americans reliant on mobile broadband for online access, it is imperative that we ensure that they can reap the benefits of 5G and they are not left in the digital darkness.

But my quest to connect all communities is not limited to broadband. It is also about examining how best to promote the availability of diverse and independent sources of video programming. The Commission heard repeated concerns of

independent and diverse programmers from every conceivable 1 ideological spectrum and followed through with the adoption of 2 a Notice of Inquiry this past February. 3 4 I am now working with Chairman Wheeler to determine next steps, but no matter the outcome, I believe the Commission has 5 come out of this fact-finding exercise better positioned to 6 identify solutions that can enhance our access to independent and 7 8 diverse voices. Finally, I continue to believe that transparency should be 9 a driving principle in the Commission's work to promote consumer 10 choice, competition, and innovation. 11 12 It should come as no surprise that billing issues rank among the top consumer complaints at the FCC. Knowing this, I partnered 13 14 with Congressman Doyle on an op-ed calling for the nation's 15 communications providers to lead the way by voluntarily improving 16 transparency and disclosure of "below-the-line" fees. Enhanced 17 transparency will ensure that when consumers sign up for service, either online or in a store, that they will not have to wait for 18 19 their first bill to learn what their total monthly costs will be. 20 Thank you once again for allowing me to share my priorities 21 with you this morning. And I look forward to answering any 22 questions you may have.

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[The prepared statement of Mignon L. Clyburn follows:]

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1	Mr. Walden. Thank you very much, Ms. Clyburn. We
2	appreciate your testimony and your work at the Commission.
3	We now go to Ms. Rosenworcel. Thank you for being here
4	again. Happy birthday to you and we are glad we could celebrate
5	it with you.
6	Ms. Rosenworcel. Thank you.
7	Mr. Wheeler. Please go ahead.

STATEMENT OF THE HONORABLE JESSICA ROSENWORCEL

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Ms. Rosenworcel. Good morning, Chairman Walden and members of the subcommittee. Thank you for the opportunity to appear before you today.

This week the Commission has the future on its agenda. At 6 our monthly meeting on Thursday, we will adopt a framework for 7 8 high band spectrum to help develop the next generation of wireless services, known as 5G. This is exciting because the future 9 belongs to the connected. And the United States should lead. 10 11 However, I want to spend my time today not talking about the future, but instead talking a little bit about the here and now 12 13 and what can be done right now to help improve our nation's 14 emergency number system.

15 Last month, I was in Dallas, a city that is still reeling 16 from the events of last week when a peaceful protest collapsed 17 into unthinkable violence. While in Dallas, I spent time with 18 Betty Wafer. She is the kind of person who knows the Big D inside 19 and out. She was born and raised in the city and over the course 20 of 33 years has risen to the top of its public safety ranks. She 21 now wears the uniform and is in charge of 911 Communications for 22 the Dallas Police Department. There is not a lot she hasn't seen. 23 Like most people who work the 911 front lines, she has a steely

calm. After all, these are people who listen to us at our most troubled, and then help ensure that help is on the way.

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And as we walked through the Dallas 911 center, Ms. Wafer 3 4 spoke about how technology has changed during her more than three decades on the job and how it has altered the ways we reach out 5 in times of emergency. And the numbers back her up because 6 nationwide we now call 911 240 million times a year. And more 7 8 than 70 percent of those calls are made from wireless phones rather than traditional landline phones. In other words, the bulk of 9 our emergency calls come over a different technology than the 911 10 11 system was designed to use.

12 This is a problem. Because while technology has changed so 13 much in our lives, the communications systems used by our nation's 14 911 call centers have not fully kept pace. I know because I have 15 seen this firsthand, not just in Dallas, but in the nearly two 16 dozen 911 call centers I have visited all across the country from 17 Alaska to Arkansas, California to Colorado, Nevada to New Jersey, 18 Vermont to Virginia and many more places in between.

19 It is not that work is not being done. I mean in the last 20 2 years alone, with my colleagues we have been able to put in place 21 policies to advance texting to 911. We have devised a framework 22 to improve the ability of 911 call centers to identify the location 23 of emergency calls made from wireless phones. And this is

1 progress. But what can come next is even bigger. Next generation 911 services can support a whole new range 2 of video and data communications. For those who call in an 3 4 emergency, it will mean an opportunity to offer real-time video from an accident. It will mean the ability to provide first 5 responders with instantaneous pictures of a fleeing suspect or 6 emergency incident. And those are the kind of capabilities that 7 8 make public safety both more effective and more responsive. But to remake the nation's 911 systems to fully reflect the 9 digital age, it takes funding. And historically supporting our 10 nation's roughly 6,000 911 call centers has been strictly a local 11 12 affair. There is no national program or annual federal revenue 13 source. But still, there is one thing this committee can do right 14 now to kick start local 911 modernization. 15 It is this. As you know, the Middle Class Tax Relief and

16 Job Creation Act of 2012 authorized a series of spectrum auctions 17 at the Commission. These auctions have already raised billions. And the proceeds from these auctions are dedicated to some 18 19 initiatives that get a lot of attention like FirstNet, like 20 assisting broadcasters with relocation in the 600 megahertz band, 21 and like deficit reduction. But there is program these spectrum 22 auctions fund that has not get gotten the glory it deserves and 23 that is a program for next generation 911.

Section 6503 reinstates the joint 911 Implementation Office 1 and authorizes a \$115 million grant program for next generation 2 911. You might be familiar with it because this committee 3 4 developed the program. But it has stalled and has yet to begin more than 4 years after this committee created it and after 5 Congress authorized its creation. 6 7 So I think if you can help us you can put on the pressure 8 because it is time to get it up and running. It is the best near-term resource we have to put next generation 911 in place. 9 10 And while these funds are limited, they can have broad impact if we use them wisely and fund next generation 911 projects that can 11 12 be a blueprint for updating services in Dallas and nationwide. 13 Thank you. 14 [The prepared statement of Jessica Rosenworcel:] 15 16

1	Mr. Walden. Thank you, Commissioner Rosenworcel. We
2	appreciate you bringing that to our attention. Obviously, we get
3	pretty frustrated when agencies and commissions don't do what they
4	are mandated to do by statute on a timely manner. And so we are
5	happy to follow up with that.
6	We will now go to Commissioner Pai. Commissioner Pai, thank
7	you for joining us. We look forward to your testimony as well.

STATEMENT OF THE HONORABLE AJIT PAI

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Thank you, sir. Chairman Walden, Ranking Member Mr. Pai. Eshoo, and members of the subcommittee, thank you for giving me the opportunity to testify this morning. Since 2012, it has been an honor to work with you on a bipartisan basis on many issues.

Kari's Law is a good example of this. Dialing 911 should always work, but it sometimes doesn't. And the reason is that 9 many phone systems require callers to dial an access code like 10 a 9 before the call is placed. Kari's Law would help fix this 11 12 by making direct 911 calling the default on those systems.

Thanks to your work, along with the courageous efforts of 13 14 Kari's father, Hank Hunt, the House of Representatives recently 15 passed this legislation. I hope the Senate does so and that this 16 bipartisan measure soon becomes law.

17 I would like to focus the rest of my testimony on two 18 important topics: the FCC's set-top box proposal and its Lifeline 19 Program.

20 First, set-top box. The breadth of opposition to the 21 Commission's set-top box proposal signals how badly its scheme 22 misses the mark. My friend and colleague, Commissioner 23 Rosenworcel, rightly observed that the FCC's proposal has real

flaws and we need to find another way forward.

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What should that way forward look like? In my view, first, 2 it must protect the intellectual property of content creators and 3 4 safequard minority programmers. As Jesse Jackson put it, the FCC's proposed rules would allow third-party set-top box 5 manufacturers to "pull networks apart, ignore copyright 6 protections, and dismantle the local and national advertising 7 8 streams that have traditionally supported high quality, multi-cultural content." That is why Congresswoman Yvette 9 Clarke and many other members of the Congressional Black Caucus 10 have called upon the FCC to analyze the impact of these proposed 11 12 rules on the diversity of programming and independent and minority television programming before pushing ahead. We should heed 13 14 those voices.

15 Second, we must address the challenges faced by small video 16 providers. The record makes clear that the FCC's proposed rules 17 would have a disproportionate impact on small companies. Indeed, the American Cable Association has stated that the FCC's proposal 18 19 would force over 200 small operators to go out of business or to 20 stop offering video service. Separately, bipartisan groups of 21 61 Representatives, led by Congressman Kevin Cramer and 10 22 Senators have expressed serious concern along these lines. Third, we must protect Americans' privacy. Senator Patrick 23

Leahy has stressed that the "same federal privacy protections and 1 enforcement mechanisms that apply to proprietary set-top boxes 2 today should apply to third-party navigation systems as well." 3 4 In other words, all consumers should have the same privacy protections. Unfortunately, the FCC's proposal fails this basic 5 test. 6

And fourth, we must embrace the technology of the future 7 8 instead of clinging to the hardware of the past. Americans are increasingly accessing video programming through apps. With an 9 app, there is no need to have a set-top box or the rental fee that 10 11 goes along with it. With an app, your smart phone, your tablet, 12 or your smart television can be your navigation device.

Recently, as has been mentioned by members of the panel, 13 14 stakeholders have proposed an app-based approach. My office is currently reviewing this promising proposal and I look forward 16 to hearing what the members of this subcommittee think about it.

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17 The next topic is Lifeline. The FCC must be vigilant in 18 stopping abuse of the Universal Service Fund. Hard-working 19 Americans deserve to know that the money they contribute each and 20 every month to the fund isn't wasted or put to fraudulent use. 21 Unfortunately, the FCC's recent investigation of Total Call 22 Mobile suggests that American taxpayers should be worried. 23 Although my own investigation is still ongoing, the waste, fraud,

1 and abuse in the Lifeline Program appears greater than I had 2 imagined.

3 Consider this. The National Lifeline Accountability 4 database or NLAD, is supposed to check whether a subscriber already receives Lifeline service. But an unscrupulous wireless 5 reseller can override that determination simply by checking a box 6 7 and so wireless resellers have enrolled over 4.2 million 8 subscribers using this override process since October of 2014. That is more than 35 percent of all subscribers enrolled in 9 NLAD-participating states. And that is more than the population 10 of the State of Oregon. The annual price to the taxpayer for these 11 12 overrides alone is steep, about \$476 million. That is not my only 13 concern.

Wireless resellers have overridden other federal
safeguards, enrolled actual duplicates, claimed support for
phantom customers, and otherwise exploited loopholes in the
program that likely resulted in hundreds of millions of dollars
in USF money and taxpayer money going to wireless resellers
instead of to deserving, low-income consumers. That is
outrageous.

I plan to work with this committee and my colleagues to stopping this spending spree and I particularly appreciate the decision of Committee Chairman Fred Upton to investigate this kind

Mr. Walden. Thank you, Commissioner Pai, we appreciate
 your diligence and your comments this morning.
 We will now go to Commissioner O'Rielly. Thanks for being
 with us, again for enlightening us on what your views are at the
 Commission and issues before the country. Please go ahead with
 your testimony.

STATEMENT OF THE HONORABLE MICHAEL O'RIELLY

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Mr. O'Rielly. Thank you, Mr. Chairman. Thank you for the honor to appear before you today.

Let me start my testimony on an issue raised by my colleague, 5 the Lifeline Program. I continue to be troubled by the waste, 6 fraud, and abuse in the program and worry that it is not on a 7 8 sufficiently sound footing. In retrospect, I had urged the Commission to address these concerns before expanding Lifeline 9 to include broadband. When it became clear that the Commission 10 was on a different track, I recommended reforms be paired with 11 12 adequate measures to safeguard the program and protect consumers that pay fees to support the fund, including establishing 13 14 procedures to stop new payments to a provider if certain metrics 15 were exceeded, a concept I have referred to as creating circuit breakers. 16

These ideas were ultimately rejected, in part, because the Lifeline order took the position that the reforms put in place since 2012 including the creation of a National Lifeline Accountability Database were highly effective. Sadly, that has not been the case. If more is not done to correct the situation, everyone should expect more incidents of waste, fraud, and abuse. Turning to the debate over set-top boxes, I share the

concerns that many members of this committee have expressed about 1 the Commission's proposed technology mandate as contained in the 2 In my dissent to that item, I argued that the proposal could 3 NPRM. 4 significantly impede innovation in video delivery and put at risk valuable content as well as consumer privacy without assurances 5 that anyone would save one thin dime. I have taken the position 6 that it would make more sense to get rid of set-top boxes 7 8 altogether. A common-sense, technology-friendly replacement for set-top boxes already exists in the form of downloadable apps, 9 which can serve as the basis for a consensus approach to the 10 set-top box quandary. Various video providers have strengthened 11 12 this argument and approach by firm commitments on timing and price. 13

14 Another issue of interest to the subcommittee is the 15 Commission's long-awaited attempt at the required Quadrennial 16 Review of media ownership rules. While American consumers 17 embrace players such as MVPDs, over-the-top video players, 18 websites, streaming music services, and satellite radio as part 19 of their daily lives, broadcasters and newspapers alone are 20 saddled with rules from a bygone era. I believe the Commission 21 can better promote localism, competition, and diversity and be 22 consistent with the public interest by thoughtfully removing 23 outdated restrictions to media combinations.

It has been argued that now is a bad time to introduce any 1 disruption in the existing media ownership regime, due to the 2 ongoing broadcast incentive auction. However, nothing excuses 3 4 the retention of all the stale rules regarding radio and newspaper industries which will see little to no impact from the auction. 5 Moreover, Congress was well aware of the Quadrennial Review 6 requirements when it authorized the auction, and no special 7 8 "pending auction results" or "during the auction" exemption was enacted. So the incentive auction cannot and does not let the 9 Commission off the hook regarding its responsibilities to modify 10 the rules in response to the marketplace conditions that actually 11 12 exist today.

13 On another matter, the Commission seems intent on adopting 14 broadband privacy rules this year, but if the current proposal 15 is adopted, it will affect the consumer Internet experience and 16 reverberate throughout the technology industry for years to come. 17 In addition to the legal problems I have previously articulated, the Commission has not justified imposing dramatically higher 18 19 burdens on one segment of the Internet economy. By most accounts, 20 current privacy structures, including the FTC's framework, have 21 provided ample and appropriate protections for consumers. The FCC's proposal, however, goes much further. Instead of creating 22 23 privacy rules based on consumer expectations and the sensitivity

of the data, the FCC's proposal would require heightened consent 1 for many consumer activities and could even prohibit certain 2 practices that many consumers find beneficial. 3 The record is full of many thoughtful comments from a wide 4 range of participants, and I can only hope that the Commission 5 will take them into account when crafting the final rules. 6 7 Lastly, let me mention that my written testimony raises the 8 need to consider legislation to enact fees in a spectrum-sharing environment where mutual exclusivity which is needed to trigger 9 an auction is not obtained. I would be pleased to follow up on 10 this topic if interest warrants. 11 12 Thank you for the opportunity to testify and I stand ready to answer any of your questions. 13

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[The prepared statement of Michael O'Rielly follows:]

Mr. Walden. Thank you, Commissioner O'Rielly, and yes, we will look forward to further discussions on that last topic you raised.

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4 I am going to open up the questioning round. First of all, before I get started on questions, I do have a letter for the record 5 signed by 14 law professors, economists, and experts on the 6 operation of the Internet that details a number of very serious 7 legal, economic, and constitutional concerns with regard to the 8 FCC's proposed new rules for broadband privacy, some of which you 9 Without objection, we will put that in the record. 10 have raised. 11 Now some questions. I met recently with folks from the 12 Oregon Shakespeare Festival in Oregon, the Manhattan Theater Club and others, about this issue of licensed and unlicensed wireless 13 14 microphones. Apparently, the FCC set a limit of 50 or more you 15 can get licenses. Under 50, you can't. I don't know why 50 was 16 chosen, but I do know representing one of the best theater 17 companies in the world, the Shakespeare Theater Festival in Ashland, they are very concerned because they don't use 50 mikes, 18 19 but now they can't get licensing and they are going to have a real 20 It is going to be expensive. It is a problem. It is not mess. 21 the sort of thing normally rises to a hearing level. I will follow 22 up in writing with you, but just know from what they indicated 23 it is a serious issue that will affect them and every other. There

are only a couple of theater companies apparently on Broadway maybe that are big enough to get licensed and you have got all these regional ones that will be adversely affected.

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I want to go Lifeline since that has been brought up. Here, I will look forward to getting a copy of the Democrats' committee report. I was not aware of that. Have not read it. Look forward to the information and digesting it. But I am concerned, Commissioner Pai, about what you said about 4.2 million consumers somehow get signed up and override one of the safeguards against fraud and abuse.

I also know the Commission attempted to find common ground 11 12 in a bipartisan way on this issue to try to get to a cap. Frankly, we were thinking the Commission was moving in a good, solid 13 14 direction and I don't know what happened there. I understand 15 there is an IG investigation, so I won't pursue it, but something 16 went off the rails there. I am disappointed by that because we 17 thought we were going to get the professional agency doing its 18 professional job in that area and getting a cap that seemed to 19 be reasonable and responsible. Very disappointed.

20 So talk to me about this \$4.2 million. Talk to me about the 21 level of waste, fraud, and abuse. From what I have read in the 22 press reports and the Democrats' position paper, they say there 23 is no fraud, waste, or abuse increase after '08. Is that the case?

Mr. Pai. Well, thank you for the question, Mr. Chairman. 1 My investigation is ongoing, so these results are preliminary, 2 but thus far, I have uncovered five different species of fraud. 3 4 The fraud that you asked about was what is known as an independent, economic, household verification or IEH. Essentially, enforcing 5 the FCC's rule that not more than one person in a particular 6 household can get a Lifeline subsidy. 7 8 Now based on the figures that I have received from the 9 Universal Service Administrative Company, or USAC, which administers the Lifeline Program on our behalf, since October of 10 2014, wireless resellers have enrolled over \$4.2 million 11 12 subscribers in the Lifeline Program. That is over one third of 13 the total enrollment in the program. 14 The annual price to the taxpayer just for these overrides 15 for 1 year is \$476 million. That is just one type of fraud, the 16 type of fraud that the staff report talks about. 17 The other four kinds are also critical, however. Simply 18 duplicates, essentially one person getting the same Lifeline 19 subsidy. Just for those overrides as well, those duplicates, 20 there are hundreds of thousands of them since between October and 21 May of 2015, October of 2014 and May of 2015. USAC is compiling 22 the additional analysis beyond that. Those duplicates cost \$23 23 million. There is a third which is phantom subscribers.

Essentially, these resellers tell the NLAD we have a certain number of subscribers, but then when it actually comes to be paid, they file a different form suggesting they have a higher number of subscribers and they get paid based on that higher amount. Those phantom subscribers, as they are called, cost the taxpayers millions more.

There is also what is known as the TPIV or Third Party
Independent Verification process. Those two cost \$122 million
because of the override of identity vectors.

And fifth and finally, address overrides cost \$55 million.
Altogether, we are talking about --

Mr. Walden. Why do we even have an address overridecapability by a vendor?

Mr. Pai. I think it is a serious problem and that is one of the reasons why I started this investigation is to figure out if there is a problem with this loophole and if there is, we need to fix it on a bipartisan basis.

Mr. Walden. Chairman Wheeler, moving to a topic high on your mind on 911, is there anything that prevents the states from moving forward with these enhancements in their 911 facilities? Is there any federal prohibition on that? And second, do you think states that take money from consumers under the auspices of 911 and then spend it on non-911 related services should continue to

1 get federal support or is that something we should look at, saying 2 if you are going to divert this money, you are not going to get 3 the federal money?

4 Mr. Wheeler. Thank you, Mr. Chairman. You know, almost 20 years ago I worked with Mr. Shimkus on the first national 911 bill. 5 And one of the things that was in that bill was that the FCC should 6 try and work with the states to do exactly what you have talked 7 8 about and how can you have a state-wide program? There is resistance to state-wide programs. There are exceptions to it 9 obviously, it is for 50 states, but there is a resistance to that 10 11 in many instances.

Mr. Walden. But don't you think because I am going to run out of time as I have now, do you think we ought to go down a path of considering cutting off support if states are raising money under the auspices of 911 -- if I am a consumer in Oregon and I am paying a 911 fee, I am thinking that is going to 911 services. I will tell you it really irritates you then to find out as a consumer no, that is just a scam.

19 If this was a private entity, if this was a private phone 20 company, how long would you put up with that on the below-the-line 21 billing practice?

22 Mr. Wheeler. And unfortunately, it is not new news. It 23 goes back again, back to 20 years it has been happening. And I

agree with you. If this were commercial, this would be a fraud,
 deceptive advertising.

Mr. Walden. Deceptive advertising. And Ms. Rosenworcel, 3 4 in terms of NTSA because we understand that is who has jurisdiction over what we mandated in the act a couple of years ago, happy to 5 work with them, bring them in as well. Because as I said, you 6 all know this first hand because you all have missed a few 7 8 deadlines that are in statute in terms of reports back to us. We will push on NTSA to find out why they have not followed the 9 statutory guidance of this Congress in their activities and 10 11 appreciate the work you are doing. Unfortunately, it may be your 12 birthday, but I am over time.

So we will go to Ms. Eshoo now.

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Mr. Eshoo. Thank you, Mr. Chairman, and I would be glad towork with you on the issue of microphones in theaters.

16 And I think that we should really seriously examine this 17 issue of 911, the dollars that are collected by states, and then 18 God knows what they do with the money. They use for it for 19 everything but what the dollars are collected for. I think there 20 should be a nexus between the federal dollars that are expended 21 and sent to states in order to set up what we know we need to serve 22 the public well and if they want to take money from people, blow 23 it elsewhere, I don't think they should qualify for federal funds.

So I would be glad to work with you on that.

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On the issue of set-top boxes, I just want to make this comment and I think that it is a very important one. Because it is a huge allegation which I don't think sticks and that is the issue of minorities and what all of that represents relative to cable.

7 Twenty years ago, the Telecom Act was passed. In the ensuing 8 20 years, out of 500 channels there are 4 African-American programmers that have programs and 2 Hispanic. So to say that 9 the FCC's proposal that wants to unlock all of this to give 10 opportunity and ignore what has happened under what cable -- the 11 12 cable industry has done, really is a head scratcher to me. I don't 13 understand how anyone can say with the straight face that the cable 14 industry has really made progress. So I just want to set that 15 down.

Mr. Chairman, some of the critics of your proposed broadband privacy rules argue that any rules you adopt should apply to edge providers as well as to broadband providers. So I have two questions. Does the FCC in your view have authority to extend privacy rules to edge providers? And also, critics argue that the FCC lacks the necessary expertise to develop and enforce privacy rules.

Do you want to comment on both of those?

1	Mr. Wheeler. Thank you very much, Congresswoman.
2	Mr. Eshoo. And just briefly because I have more questions.
3	Mr. Wheeler. First of all, the answer is no, we do not intend
4	to extend our reach to edge providers. And second, and I have
5	now forgotten your second what was your second one?
6	Mr. Eshoo. Does the FCC have the necessary expertise?
7	Mr. Wheeler. Oh, yes.
8	Mr. Eshoo. Because your critics are saying
9	Mr. Wheeler. For decades, for decades.
10	Mr. Eshoo give it to the FTC. We love the FTC, except
11	there is other legislation to take just about every jurisdiction
12	away from the FTC. So I mean we have got some hypocrisy here,
13	really.
14	Mr. Wheeler. Congresswoman, the reality is that for
15	decades, we have been regulating the use of network information
16	in the telephone network saying you cannot a phone company
17	cannot make it available to a third party without the consumers'
18	permission. It is exactly the same kind of concept that we are
19	talking about in broadband.
20	Mr. Eshoo. Good. Thank you. To Commissioner Pai, you
21	assert that all duplicate households, subscribers, have been
22	enrolled fraudulently. At least that is what I heard you say
23	including those living in multi-household addresses like nursing

homes, homeless shelters, veteran group homes. In what you have 1 undertaken to examine all of this, have you examined the -- what 2 I just mentioned, these multi-household addresses? Have you 3 4 included them? Excluded them? And tell me that first. Mr. Pai. Thanks for the question, Congresswoman. So based 5 on the information that I have collected, 4.2 million which 6 7 represents 35 percent of all Lifeline --8 Mr. Eshoo. I know that. You already testified to that. But I am asking you specifically in this investigation that you 9 have taken on, have you examined multi-household addresses 10 because they exist. They exist in my congressional district, in 11 12 everyone's congressional district. And if you are using those multi-household addresses to allege that there is fraud, then you 13 14 know what, you have to be really careful with this. You really 15 have to be careful with this. 16 Mr. Pai. I agree completely, Congresswoman, and that is why 17 I said we don't know if it is potentially fraudulent. We need 18 to investigate given the magnitude of that number. 19 Mr. Eshoo. So you don't know, you are just saying it might 20 be? 21 Mr. Pai. That is why I did the investigation to figure out 22 what the facts are. 23 Mr. Eshoo. It might be.

1	Mr. Pai. Correct.
2	Mr. Eshoo. It might be. Do you have any evidence of fraud
3	yet?
4	Mr. Pai. In some of the other areas, we have uncovered
5	potential fraud, but I
6	Mr. Eshoo. So there is no area that you have discovered
7	fraud yet, is that correct?
8	Mr. Pai. Well, I think if you look at all of the
9	Mr. Eshoo. No, just answer me yes or no.
10	Mr. Pai. I believe I have uncovered potential fraud. We
11	just need to gather
12	Mr. Eshoo. No. Just answer me yes or no. Have you
13	uncovered any fraud so far? That is fair, okay?
14	Mr. Pai. To date, I have not reached that conclusion.
15	Mr. Eshoo. Not. Okay. Thank you very much.
16	Mr. Wheeler. Congresswoman, we do know the facts. I would
17	be happy to give them for the record. There are 2.2 million
18	Lifeline subscribers today who live in 890,000 multiple resident
19	addresses. I have got a list here. So for instance, the
20	Kalamazoo Gospel Mission, the Louisville Rescue Mission, the
21	Associated Ministries of Tacoma, Rescue Mission Christian
22	Ministry in Roanoke, etcetera, etcetera.
23	The total represents

This is a preliminary, unedited transcript. The statements within may be inaccurate, incomplete, or misattributed to the speaker. A link to the final, official transcript will be posted on the Committee's website as soon as it is available. 1 Mr. Walden. Conveniently located in the members of the subcommittee's districts. 2 3 Mr. Wheeler. I am sorry, what? Mr. Walden. Just by happenchance members of the 4 subcommittee. 5 Mr. Eshoo. We all have them in our districts. They said 6 7 that. Mr. Walden. I know. 8 9 Mr. Wheeler. The point being that it is about 16 percent The Census Bureau tells us that somewhere between 10 of our total. 20 and 50 percent, depending upon your economic situation, 20 to 11 50 percent of American households are doubled up households, just 12 13 like these ones that I read. We are at 16 percent which is the 14 low end. 15 So the answer to the question, yes, we do know what the number 16 is. We do know the households. 17 Mr. Walden. So you are going to say there is no fraud there. 18 Yes or no? 19 Mr. Wheeler. I am going to say to you, sir, that we are 20 vigilantly working and the reason that we know --21 Mr. Walden. Just like Commissioner Pai. 22 Mr. Wheeler. The reason that we know this is because we have 23 been out making these kinds of investigations.

This is a preliminary, unedited transcript. The statements within may be inaccurate, incomplete, or misattributed to the speaker. A link to the final, official transcript will be posted on the Committee's website as soon as it is available. 1 Mr. Walden. Right. We do know there was a case of fairly substantial fraud that you all have gone over after, right? 2 3 Mr. Wheeler. And the reality on that case, as is most of 4 Commissioner Pai's so-called statistics is that he is reading from 5 yesterday's newspaper. Mr. Walden. I don't care if it is yesterday's or a month 6 7 ago. Mr. Wheeler. These were set down in 2015. 8 9 Mr. Walden. Right. What was the dollar amount in that? Mr. Wheeler. \$51 million was our fine. 10 11 Mr. Walden. Do you think that is an insignificant number? 12 Mr. Wheeler. No, I am sorry, that was our fine. There were 37,000 individuals --13 14 Mr. Eshoo. And that was the private sector ripping off the 15 public sector, and the FCC went after them. 16 Mr. Walden. And what is what we are all talking about doing 17 more of. 18 Mr. Wheeler. The root of the problem goes back to the fact 19 that the program was designed at the outset to be one where the 20 fox was guarding the hen house. What the original FCC proposal 21 plan was that we have been playing whack-a-mole with for the last 22 8 years --23 Mr. Shimkus. Mr. Chairman, I would ask for regular order

and getting back to the schedule. 1

Mr. Wheeler. It was to how do we deal with this reality and 3 the design was bad. It is an important program, poorly designed. And we have been playing catch up ball and in our recent order, we put a national verifier in place. 5

Mr. Walden. I am going --

Mr. Wheeler. Which changes the game entirely.

Mr. Walden. And as you know, I have said publicly, you all 8 have been cleaning it up. The notion that all of the kinks is 9 out of the system I think it would be hard to defend. 10

11 We will now go to --

Mr. Eshoo. I yield back.

[Laughter.]

14 Mr. Walden. We will now go to the vice chair of the full 15 committee, Ms. Blackburn.

16 Ms. Blackburn. And I will promptly change the topic. 17 Chairman Wheeler, let us go to the E-rate funds. I have talked 18 to you about the Sweetwater Consortium.

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Mr. Wheeler. Yes, ma'am.

20 Ms. Blackburn. And we brought it up at the last hearing. 21 That is a group of 46 schools in Tennessee. They serve hundreds 22 of thousands, a third of the school children in our state. And 23 they have been denied \$60 million in funding for 4 years and in

your response you submitted after the last hearing, you state the 1 Consortium's appeal was filed on May 9th. It is currently pending 2 with the Wireline Bureau. What is the status update? 3 4 Mr. Wheeler. So thank you, Congresswoman. I mean it is not unrelated to the discussion we just had because it is how do you 5 follow the rules to make sure that waste, fraud, and abuse is 6 mitigated? And one of the rules in E-rate Program is there should 7 8 be competitive bidding. And in the Sweetwater example there was no competitive bidding. Therefore, it was not in accord with the 9 structure of the rules put in place to try to mitigate exactly 10 11 the kind of thing the chairman has been talking about. That is 12 now currently on appeal before the Bureau. 13 Ms. Blackburn. And when do we expect a resolution? 14 Mr. Wheeler. I don't know the answer to that. 15 Ms. Blackburn. Okay, well, let me move on to set-top box 16 because as I mentioned earlier, this is something of great concern 17 and I am going to channel John Dingell for a few minutes. We just 18 have his 90th birthday in this room, so I want all of you to think 19 very concisely and give me a yes or a no. I know I do need the 20 luck. Mr. Barton is right. 21 Okay, question number one. Do you agree that the initial 22 FCC set-top proposal is flawed? 23 Mr. Chairman, I will start with you. Let us go quickly down

1	the line. The clock is ticking.
2	Mr. Wheeler. Everything is designed to seek improvement.
3	Ms.Blackburn. I said yes or no. Okay, okay. Ms.Clyburn?
4	Ms. Clyburn. Yes or no.
5	Ms. Blackburn. Which one do you want, pick one? You are
6	saying both. Okay.
7	Ms. Rosenworcel. I will make it easy, yes.
8	Ms. Blackburn. Okay.
9	Mr. Pai. Yes.
10	Mr. O'Rielly. Yes.
11	Ms. Blackburn. All right, question two, do you agree that
12	if the FCC is to move forward, it should follow a different
13	approach than outlined in the NPRM?
14	Mr. Wheeler. That is what we are trying to do right now.
15	Ms. Blackburn. Okay.
16	Mr. Wheeler. We are working with the industry.
17	Ms. Blackburn. Okay.
18	Ms. Clyburn. Yes.
19	Ms. Rosenworcel. Yes.
20	Mr. O'Rielly. Yes.
21	Ms. Blackburn. I like this. Do you agree that the pay TV
22	provider alternative shows some promise.
23	Mr. Wheeler. One page is not a proposal. It is a press

1	release.
2	Ms. Blackburn. Does it show promise?
3	Mr. Wheeler. Oh, does it show promise?
4	Ms. Blackburn. Yes.
5	Mr. Wheeler. Yes, the great thing is that it lowered the
6	temperature so we can talk together. Yes, it shows promise.
7	Ms. Blackburn. Okay.
8	Ms. Clyburn. Yes.
9	Ms. Rosenworcel. Needs work, but yes.
10	Mr. Pai. Yes.
11	Mr. O'Rielly. Yes.
12	Ms. Blackburn. You all are doing really well on this.
13	Okay, I met with the Copyright Office yesterday and they have got
14	some concerns about this proposal. So do you agree that no matter
15	what the FCC does, it must not diminish copyright law, jeopardize
16	the security of content, or undermine the license and advertising
17	models that finance programming in the first place?
18	Mr. Wheeler. Copyright protection and the protection of
19	contracts which exceed the authority of the Copyright Office are
20	essential and must be an essential part.
21	Ms. Blackburn. So I take that as a yes.
22	Mr. Wheeler. They must be an essential part.
23	Ms. Clyburn. Copyright security and privacy must be in

1	place.
2	Ms. Rosenworcel. Yes.
3	Mr. Pai. Yes.
4	Mr. O'Rielly. Yes.
5	Ms. Blackburn. Okay, would you agree that the original
6	set-top box proposal effectively renders content worthless?
7	Mr. Wheeler. No.
8	Ms. Clyburn. No.
9	Ms. Rosenworcel. My office has met with the Copyright
10	Office and I know that the Copyright Office has expressed concern
11	about just what you describe, so I think that more work is
12	necessary on our part.
13	Ms. Blackburn. Commissioner Pai?
14	Mr. Pai. Yes, I agree with Commission Rosenworcel.
15	Ms. Blackburn. Okay.
16	Mr. O'Rielly. Yes.
17	Ms. Blackburn. Okay, thank you all for that. You have left
18	me 30 seconds to wrap up so I am grateful for that.
19	I will tell you this. Meeting with content producers and
20	the independents that are there in Tennessee, individuals that
21	have the ability and have been creating a lot of cable TV
22	programming, things of this nature, what they find and Mr.
23	Chairman, going back to what you said, if this original proposal,

the set-top box proposal got out there, they would be paid for 1 the first round, but basically, the ability to go in and to 2 negotiate those licenses is something they feel would be stripped 3 from them. And they think not only does it have domestic, it also 4 5 has international implications because of the ability to hack in and grab that digital file and then to utilize it. 6 7 I think that you have got a long way to go on set-top boxes 8 and I am pleased to hear that you are willing to work on that. 9 I yield back. 10 Mr. Walden. Thank you. The gentlelady yields back. The chair recognizes for a point of personal privilege, the gentlelady 11 12 from California. 13 Mr. Eshoo. Thank you, Mr. Chairman. I meant to do this at 14 the beginning of the hearing. Former chairman of our full 15 committee is with us today in the hearing room and I want to 16 acknowledge his presence, former congressman and chairman of the 17 full Energy and Commerce Committee, Billy Tauzin. Welcome. 18 [Applause.] 19 Mr. Walden. Thank you. The gentlelady yields back. The 20 chair now recognizes the gentleman, the ranking member of the full 21 committee, the gentleman from New Jersey for 5 minutes. 2.2 Mr. Pallone. Thank you, Mr. Chairman. It is good to see Chairman Tauzin here as well. 23 24 Chairman Wheeler, I am trying to get your commitment to three 25 things, so I am trying to move quickly here to cover all three.

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1	The first is about the set-top box. I have seen encouraging
2	reports from the press that you have been negotiating with
3	stakeholders on a compromise proposal in the set-top box
4	proceeding. I urge you to work swiftly toward a resolution that
5	will benefit consumers. For me, that resolution must include
6	adequate protections for content. Consumers will not care how
7	their TVs work if they can no longer get their favorite content.
8	So my question, can you commit to me that before you vote
9	on final rules that you will work with the Copyright Office as
10	well as other copyright experts inside and outside the government
11	to make sure your plan will not run afoul of intellectual property
12	laws?
13	Mr. Wheeler. I can go beyond that, Mr. Pallone, to say we
14	will work with the copyright holders as well because the Copyright
15	Office has only a limited area of jurisdiction and there are a
16	lot of issues such as contracts and things like this that are
17	important to the copyright holders.
18	Mr. Pallone. Thank you, Mr. Chairman. Next is about the
19	Lifeline Program. You heard during my opening statement today
20	that Democratic committee staff issued an interim report
21	concluding that evidence does not support Republican allegations
22	of \$500 million of waste, fraud, and abuse in the FCC's Lifeline
23	Program. And the report also includes several recommendations
24	for the FCC. And these recommendations include first having the
25	FCC periodically review the Lifeline Program data for new trends;

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1	second, preventing the use of fraudulent snap cards as
2	verification for Lifeline subscribers; third, making sure the
3	independent economic household worksheet is not being abused; and
4	lastly, studying whether safeguards that have been implemented
5	in some states can improve the program at a national level.
6	And again, it may be difficult to say yes outright, but I
7	just would like you, if possible, to follow these recommendations
8	to help prevent fraud from the Lifeline Program, if you could
9	comment on that.
10	Mr. Wheeler. Thank you, Congressman. I haven't seen the
11	report.
12	Mr. Pallone. I know you haven't.
13	Mr. Wheeler. Those sound like very logical recommendations
14	that ought to be pursued.
15	Mr. Pallone. All right, thanks again. We are going quickly
16	here. And then lastly, on the SANDy Act, a few months ago, I was
17	proud to announce that the nation's wireless carriers were
18	committing to voluntarily comply with the wireless portions of
19	my bill called the SANDy Act. And I wanted to thank you for
20	working with me to make sure that the carriers are making the
21	networks more accessible during emergencies. But because this
22	wireless resiliency agreement is just voluntary, ongoing
23	oversight is critical. So with that in mind, could you update
24	us on the implementation of the wireless network resiliency
25	cooperative framework and how the FCC is making sure that carriers

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live up to their commitments?

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You have 2 minutes left, so take your time.

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Mr. Wheeler. Thank you, Congressman. The industry has done an excellent job after your leadership pushing this issue. And industry should be commended for stepping up like this. As you say, our job in this environment now is to be the watchdog, to check on the process.

8 The first step in this activity had to do with the upcoming 9 hurricane season. And what is the industry doing to prepare for 10 something that we know is coming and has been the source of so 11 many difficulties in your district and elsewhere up and down the 12 East Coast in particular.

And so the industry has been working on that and later this month, I can't give you the specific date, but it is in the next couple of weeks, our Public Safety Bureau who has responsibility for us, is sitting down with the industry to review the things that they have put in place and to make sure that indeed that is stepping up to the commitment that they made to you and to us as a result of your leadership on this issue.

20 Mr. Pallone. All right. Thank you so much. I appreciate21 it. And I yield back, Mr. Chairman.

22 Mr. Latta. [presiding] Thank you very much. The 23 gentleman yields back and the chair now recognizes for five 24 minutes the gentleman from Texas the chairman emeritus of the full 25 committee.

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1	Mr. Barton. Thank you, Mr. Chairman. And we have given
2	Chairman Tauzin the big head. He is out there grinning like a
3	Cheshire Cat as he got introduced by Anna. We will have to make
4	sure we put him back in his place and find out who is clients are
5	and see if we can't do him some harm or something.
6	[Laughter.]
7	Mr. Wheeler. Mr. Barton, could I just make one observation?
8	Looking at that picture up there and the chairman sitting here
9	in the audience. One is a lot younger than the other.
10	Mr. Barton. Actually, he looks pretty good.
11	Mr. Wheeler. But I would not want to make that observation
12	about another portrait.
13	Mr. Barton. Exactly.
14	Mr. Wheeler. Because that would be wrong.
15	Mr. Barton. I look nothing like that.
16	[Laughter.]
17	Mr. Barton. It is probably why Chairman Upton hadn't put
18	his portrait up yet. Anyway, it is good to see Billy.
19	I am going to have to do something I almost never do and that
20	is in a hearing like this bring up a constituent issue, but it
21	is the only way I know to maybe get some action.
22	Mansfield Independence School District is one of the best
23	public school districts in my congressional district. It is a
24	community of about 80,000 in the suburbs of Dallas-Fort worth.
25	Several years ago, they got \$1 million from the Universal Service

Administrative Company to do some Internet access for their low-income classrooms. They received \$1 million over three funding cycles.

They applied for another \$820,000. That application was denied and at the same time USAC said oh, by the way, that \$1 million we have already given you, you have got to give it back. They have been trying for the last 2 years to resolve this issue without success. My district office has sent several letters to try to help resolve the issue without success. Their last appeal was cursorily denied without any explanation.

So Mr. Chairman, I am asking you if you would ask your staff 11 12 to do something unusual which was to take a personal look at this 13 and see if we can't resolve it. I don't personally have a problem 14 that their request for additional funding was denied. I 15 understand how tight those funds are. But I have got a real 16 problem if they agreed to fund it. They gave them the \$1 million 17 over three cycles and then asked for it back. Can you look into 18 that?

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Mr. Wheeler. Yes, sir, Mr. Barton.

20 Mr. Barton. Okay, I appreciate that. Now my policy 21 question, I am the co-chairman of the Privacy Caucus and I am way 22 back when one of the people that helped put into place what we 23 now call Caller ID. Under the proposed rulemaking have to --24 instead of certain information being automatically included and 25 then you can opt out of that information being used, you are going

to go to an opt-in procedure where consumers have to opt-in to 1 certain information. If you do that, in all probability, a lot 2 of consumers will not opt-in. And if they don't, you make it 3 almost impossible for Caller ID, as we know it today, to be 4 utilized. 5 Can you all, all the Commission take a look at that? 6 I know 7 we are trying to protect privacy, but my premise is if somebody is calling me, I should have the right to know who is calling me 8 9 and I make the decision whether I take that phone call. That means 10 that you have to have the phone number and in most cases some sort of a personal identifier, Congressman Billy Tauzin is calling Joe 11 12 Barton or vice versa. If you don't have that basic information, 13 you really don't give people that are receiving the call the 14 opportunity to decide whether they want to take the call. 15 Mr. Wheeler. Thank you, Mr. Barton. I think you raise a 16 very good point. What our privacy rules are directed at, that 17 is poor English, what we are trying to get to in the privacy rules 18 is the broadband area. You are talking about telephony item. I 19 don't believe it is the intent to overturn -- we are talking about 20 how you have some consistency back and forth between the two, but 21 we are not trying to rewrite what is going on in the telephony 22 world. But I will definitely -- it is onboard, sir. 23 Mr. Barton. I appreciate the Commission, all the other 24 commissioners taking a look at that. 25 I yield back, Mr. Chairman.

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Mr. Latta. Thank you. The gentleman yields back and the chair now recognizes for 5 minutes the gentleman from Pennsylvania.

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Mr. Doyle. Thank you, Mr. Chairman. Chairman Wheeler, I 4 5 want to thank you for your leadership on business data services or special access. I think I have really been working on it 8 6 7 years. It just feels like a decade. This issue has been pending 8 before the Commission too long and I appreciate your leadership 9 on it. But I just want to give you a minute to just tell us why 10 completing the proceeding is so important and what is online for the American consumer? 11

Mr. Wheeler. Well, you know, it is really interesting, Congressman. Back in the day when I was president of CTIA, I remember being at board meetings and the wireless carriers coming in and saying 30 percent of my operating cost is what I am paying for backhaul because I am dealing with an area that has been totally unregulated and can't you do something about that?

And then the providers, the principal providers of this backhaul services, also wireless carriers would raise their hand and say uh, no, we can't go there, we can't go there. So this has been an issue that I have been dealing with for probably as long as you have been dealing with as well.

The reason I tell that story is because wireless is -- wired infrastructure is essential for wireless. And it will become even more essential in 5G because 5G is a multiple of much smaller

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cells that all have to be connected.

And so what we are talking about here, yes, we are talking about competitive services, but yes, we are also talking about if we are going to have this national priority and we are going to be the world leaders in 5G, you have got to be able to connect it and you have got to be able to connect them at reasonable rates. That is why this is an important proceeding.

8 Mr. Doyle. Thank you. Commissioner Clyburn, as you had 9 noted, the two of us wrote a joint op-ed on below the lines fees. 10 We have seen these fees skyrocket across the telecommunication 11 marketplace in recent years and we know what they cost consumers. 12 Tell me, what tools does the FCC have to address the proliferation 13 of this practice?

Ms. Clyburn. I was pleased to bring this to the attention of those who already know it. One of the things I am pleased about with the attention that we got with the op-ed is the fact that our advisory committee is actually taking this up, is moving ahead because surprises again -- that is the type of surprise that you do not want when you sign up for services.

So when you talk about people, especially with individuals who are on fixed income, it is really important what they sign up for, the financial expectations they have are realized and as I said, I am pleased to let you know that we are going to follow up with this to ensure that the information flow that is at the type of transparency needed for this will get more attention and

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more traction in the days to come.

2 Mr. Doyle. Thank you. Commissioner Wheeler, I want to go 3 back and talk a little bit about zero rating and the fear that 4 a lot of us have that this has the potential to have some 5 anti-competitive effects on the marketplace.

Studies have shown that users overwhelming prefer apps and services that are zero rated and I believe that if these services aren't properly policed, it could have the same effect as paid privatization or anti-competitive interconnection and a range of other behaviors that are restricted in the Open Internet Order.

So what steps is the Commission taking to examine these offerings and ensure that they are not harming consumers?

Mr. Wheeler. Thanks, Congressman. You know, we took a long and hard look at the zero rating question during the Open Internet proceeding and decided that a case-by-case approach was better than a broad-brush approach. The question really boils down to what is the impact on consumers? What is the impact on competition? And what is the impact on innovation?

And if you can have positive checkmarks in that, but it is zero rating, then you shouldn't catch it in some kind of blanket. But you also want to have the ability to go through and say no, that is not pro consumer, that is not pro competition, that is no pro innovation.

24 So what we have been doing is gathering information about 25 the various zero rating items that are out there, as well as

various proposals, to try and be able to put together the kind of analysis that helps you answer that kind of question and that is what we are in the process of doing right now.

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Mr. Doyle. Thank you. And I would just close by saying with regards to Lifeline, is there no fraud in the program? Of course, we know there is no fraud. Is the fraud as prolific as Commissioner Pai suggests? We know that is not true either.

8 The danger with the kind of information, Commissioner Pai, 9 that you stated is that somehow the potential for fraud somehow 10 gets translated in the newspapers as actual fraud and the public believes that this number is this big and we know the number isn't 11 12 zero. It is somewhere in between this big and zero. And I just 13 think we all need to be responsible when we throw out numbers that 14 we don't lead taxpayers to believe that there is this massive type 15 of fraud going on. And I would end by saying that the fraud is 16 being committed by companies, not the poor, and I think that should 17 be emphasized, too. Thank you, I yield back.

18 Mr. Latta. The gentleman's time has expired. And the chair 19 now recognizes himself for 5 minutes. First, if I could ask you, 20 Commissioner Pai, and then follow up with you, Commissioner 21 O'Rielly, two of the FCC's major rulemakings this year seem to 2.2 be at odds with each other. On the one hand, the FCC has proposed rules with very prescriptive broadband privacy regulations and 23 on the other hand, consumers' privacy and viewing data is left 24 25 completely exposed in a highly controversial set-top box

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1	proceeding.
2	Has the majority of staff of the Commission ever discussed
3	this with you?
4	Mr. Pai. No, Congressman.
5	Mr. O'Rielly. The contradiction between the act no.
6	Mr. Latta. So that is a no. Okay. Thank you.
7	Commissioner O'Rielly, let me go on. I have been very active with
8	the Internet of things here in committee with some other members
9	and what will the spectrum frontiers order in the development of
10	the 5G mean for the Internet of things?
11	Mr. O'Rielly. So if the chairman alluded to what activity
12	we are going to take, I want to be careful on getting too much
13	into this, but the opportunities of what it can bring and the
14	connectivity for expanding the universe to the Internet of things,
15	the billions and billions of devices and applications that will
16	be made available, be connected with our high band spectrum is
17	going to be monumental for decades to come, assuming that we get
18	our rules right.
19	Mr. Latta. Even what you said at the very end, what I have
20	been hearing during these discussions, you just said the words
21	"if we get our rules right." What I have been hearing from
22	everyone that we have been having in is that the one thing that
23	they worry about is on the legislative and the regulatory side
24	making sure that they pretty much all of a sudden might be shut
25	down from getting these things done out there.

And so when you say getting them done right, how would you foresee in the future of getting things done right at the Commission?

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Mr. O'Rielly. Well, I am in negotiations with the chairman 4 5 and his team to try and finesse some of the points that are in the item. I like the general direction of where it is going, but 6 7 we have to make sure that the licensing structure to make sure 8 that the bands are available in a way that carriers are apt to 9 use them. We want to make sure that it coincides with what the 10 applications and the industry and the manufacturing world plan to use them as well. So we are trying to finesse some of those 11 12 finer points.

Mr. Latta. Thank you very much. Commissioner Pai, with my remaining time, one of my concerns of the FCC's set-top box proposal is the disproportionate impact it would have on small companies. The costs to comply could result taking funds away from other initiatives and services that benefit consumers.

18 As someone that represents -- and you have been out to my 19 distract and thank you very much. My district goes from very, 20 very rural to urban. This is a great concern of mine because 21 small, paid TV companies typically provide communications 22 services to the rural areas. As the Commission considers alternative approaches to their proposal, how are you seeking to 23 24 balance the cost and benefits for the small operators and their 25 customers?

Mr. Pai. That is a great question, Congressman. It was a 1 privilege to have met with the small cable companies and other 2 small video providers in your district and around the country. 3 The concern they generally express about the FCC is that the burden 4 5 of regulations falls disproportionately on them since they don't have the scale to comply. I think in the set-top box proceeding 6 7 that the concern has been brought home by the fact that 61 Representatives, 10 Senators have expressed bipartisan concern 8 9 that this cost and benefit analysis has not been done generally, 10 and it especially has not been done with respect to small businesses. And so that is a concern I take very seriously and 11 12 I hope the Commission does as well.

Mr. Latta. Well, thank you very much and I am going to yield back the balance of my time and recognize the gentleman from Vermont who also co-chaired the Rural Caucus here on the Energy and Commerce Committee for 5 minutes.

Thank you very much, Mr. Chairman. 17 Mr. Welch. I welcome 18 the FCC Commissioners. We really appreciate the work that you 19 do. First, I just note that the D.C. Court of Appeals supported 20 in its entirety the net neutrality rule. That was very debated 21 and very contentious, but it is resolved legally, at least at that 2.2 stage. And I hope that that means that we will be able to focus 23 on some of the other efforts that require some bipartisan 24 cooperation like the homework gap in like the deployment of 5G. 25 I want to ask some questions about three areas, the homework

gap, the special access, and 5G. And I will start with the 1 2 homework gap. Commissioner Rosenworcel, thank you for your aggressive 3 leadership on this. It really makes a difference in Vermont and 4 5 a lot of our rural areas. Actually, urban areas as well. About 70 percent of teachers, as you know, according to the FCC's 6 7 statistics, assign homework that requires Internet access, but 8 only about 33 percent of households are really able to take 9 advantage of that. 10 Representative McKinley and I have a bill that I think can help a bit on this. And I am going to be introducing another bill 11 12 on that as well, that would require the FCC to issue new rules 13 that would ensure providers of mobile broadband Internet that 14 participate in the Lifeline Program to offer subscribers mobile 15 devices that are Wi-Fi capable. Do you have a view on this bill 16 and how it could help the homework gap? 17 Ms. Rosenworcel. Well, thank you, Congressman Welch, and 18 I appreciate your leadership on this subject, too, with the 19 Digital Learning Equity Act. As you mentioned, seven in ten 20 teachers assign homework that requires Internet access and one 21 in three households does not have access. And where that overlaps 2.2 is a homework gap and it is the cruelest part of the digital divide. 23 Anything we can do to help fill that gap is going to help students 24 and the tethering you describe is ideal and could be really useful. 25 Mr. Welch. Thank you. And Chairman Wheeler, I want to ask

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you a little bit of follow up on what Congressman Doyle asked you about special access. This is going to be a big deal, obviously, for all of America, but we are going to have a challenge in rural America as well with the cost of infrastructure being what it is.

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5 Can we have some assurance that the rules that will be promulgated will take into account the extraordinary challenges 6 7 that have existed in rural America about having access to the infrastructure that is essential for it to have the Internet? 8 9 Mr. Wheeler. Thank you, Mr. Welch. Yes, and as you know, 10 the programs that we have for addressing that issue in rural America are extensive and we should not be coming out with a rule 11 12 that unfairly targets. There is the reality that there needs to 13 be a competitive environment and you have to be dealing with how 14 do you incentivize that competition.

15 Mr. Welch. Thank you. And Mr. Pai, I will ask you, too. 16 On 5G, again, it is sort of similar to what I was just talking 17 to Chairman Wheeler about. It is a different infrastructure. 18 You are not going to have as many of the pipes and wires, but there 19 continue to be challenges in rural America. And at the very 20 beginning of establishing rules that are going to be absolutely 21 essential to the build out of 5G, there has to be integrated into 2.2 it the challenges in rural, hilly America, whether it is Appalachia with Mr. McKinley or rural Vermont for me. 23

And can you comment on what steps can be taken in order to treat rural America as the first-class citizen?

Mr. Pai. Thanks for the question, Congressman. I take this seriously, both as a commissioner and also as a rural American myself, having grown up in a small town in Kansas. I think increasingly what we are seeing is a digital divide where people in the bigger cities can take as granted that they will have fiber and other advantaged technologies that allow them to have high-speed connectivity.

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8 In rural areas, like ours, it might be a copper line that 9 has faded over time. And how do we promote the deployment of fiber 10 in rural areas where you can't necessarily have a business case? 11 That is the \$64,000 question.

12 We have part to play in that with our Universal Service Fund, 13 and so I pushed, for example, for a support for stand-alone 14 broadband to make sure that that fiber was available. I think 15 it is also the IP transition is critical for us to give the private 16 sector the maximum incentive to connect every American, rural 17 Americans, tribal Americans, and others with that fiber and I 18 think additionally, we always need to be forward thinking. If 19 there are other regulations that some of the smaller competitors 20 tell us about that are standing in the way, we need to have an 21 open mind.

I have met with some small providers, in some cases one and two-man shops, who have told us look, your rules in this case or that case are holding us back. We are not a big company, help us out. I think that could go a long way.

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Mr. Welch. Thank you. I yield back. Thank you, all. 1 2 Mr. Lance. [presiding] Thank you very much. The chair recognizes Mr. Shimkus. 3 Mr. Shimkus. Thank you, Mr. Chairman. Welcome, 4 Commissioners, it is great to see you all. 5 Sometimes we quibble too much. I am getting a little 6 7 frustrated today. We are picking at each other for things that there is a lot of agreement. I think there are people we know, 8 9 we need a Universal Service Fund. The question is how it is going 10 to be properly deployed. Should it go into broadband now? Do we need to clean up the abuse in Lifeline? The answer is yes. 11 12 We all know that. So these levels, again, I get frustrated. 13 I think the set-top box thing that was raised, I think you 14 raised a question, opened it up. I think there has been response 15 and I think there is a consensus growing that we should move to an app-driven world. 16 17 I think the last time we met, I think people use that now, 18 and I hope that we just get some of these what are perceived to 19 be very contentious issues away from us so we can address other 20 things. 21 911, as was mentioned, we did pass a mandate on grants, 22 prohibition on grants if the states were stealing 911 dollars. 23 We could do that. 24 So there are a lot of things -- there is more things that 25 unite us than divide us. That is all I am going to say.

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1	But I do want to address, this might be your last time here.
2	I mean the chairman said maybe not. It could be. I have been
3	really focusing on what is the FCC for the future. And I ascribe
4	to a lot of the debate that it is a time for a rewrite of the
5	Telecommunications Act for a lot of reasons. If you pull up the
6	website we have a Consumer and Government Affairs Bureau. We have
7	an Enforcement Bureau, an International Bureau, Media Bureau,
8	Public Safety and Homeland Security, Wireless and
9	Telecommunication, Line Competition, those are bureaus. Under
10	the bureaus like the Wireline Competition Bureau we have a bureau
11	chief, three deputy chiefs, one chief of staff, a data officer,
12	economist, three associates bureau chiefs one program manager of
13	the USF, two I mean you have got an army over there.
14	So the first question is, and it is great to have Chairman
15	Tauzin here because in the telecom rewrite which I wasn't a member
16	yet, but I have been here 20 years, what was the Wireline
17	Competition Bureau, what was it designed to do after the rewrite
18	of the '96 Act, Chairman Wheeler?
19	Mr. Wheeler. Thank you, Mr. Shimkus. As you all sit here,
20	I would like to identify myself with your remarks about how
21	yes, we do it is interesting. But 91 percent of our decisions
22	are unanimous.
23	The Wireline Competition Bureau was created after the Act,
24	because the Act required several specific actions by the
25	Commission to make decisions

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1	Mr. Shimkus. Okay, fast forward today. What does it do
2	today?
3	Mr. Wheeler. It oversees activities in the wireline world.
4	So for instance, what we are dealing with on Thursday which is
5	the move from analog to IP and what are the expectations there
6	when service is discontinued is something that comes out of the
7	Wireline Bureau.
8	Mr. Shimkus. My point is I think that when we had part of
9	the questions and answers, you talked about telephony and
10	broadband. They are merged. We have a lot of stuff, a lot of
11	telephony goes over broadband and we still have some stovepipe
12	administration programs and procedures.
13	Mr. Wheeler. They are merging. And yes, we have
14	Mr. Shimkus. Well, there is a nexus and definitely the nexus
15	isn't in the way they were designed. I would challenge you to
16	start looking at the FCC 2.0 or 3.0 or the future because we are
17	just we are not there.
18	On the website, the wireless just simple things. When
19	you look at the organizational charts, you are not standard.
20	Everybody has got their own little, how they portray their
21	organizational structure. There is like two that have different
22	formats. Three that are the same. And the Wireless Competition
23	website comes up page not found.
24	Mr. Wheeler. I am sorry, what?
25	Mr. Shimkus. Page not found.

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1	Mr. Wheeler. It does?	
2	Mr. Shimkus. Yes. Just for your information.	
3	Mr. Wheeler. Thank you.	
4	Mr. Shimkus. So I would really hope and my time is running	
5	out. Chairman Wheeler, you have kind of pushed, and I will ask	
6	Commissioner O'Rielly to weigh in, too, because he has mentioned	
7	this, that there is a reason that you have procedures in place	
8	and that they are working, but you also form multiple task forces	
9	to look at FCC processes.	
10	Can you comment on what you found out and then Commissioner	
11	O'Rielly can you respond to these task forces?	
12	Mr. Wheeler. So we have been working through a process.	
13	Your time has run out.	
14	Mr. Shimkus. This would be the first time that you have ever	
15	said time has run out.	
16	[Laughter]	
17	Mr. Shimkus. I wonder why that is.	
18	Mr. Wheeler. You said this may be my last chance, Mr.	
19	Shimkus, so I don't want to miss that. But Commissioner O'Rielly	
20	earlier this week had an excellent blog on process reform in which	
21	he identified 24 specific issues. So I will let Commissioner	
22	O'Rielly respond to that.	
23	Mr. O'Rielly. I appreciate the chairman's kind words. The	
24	difficulty has been that on process reform the task force that	
25	we set up was intended to look at some of the ideas that I had	

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already previously talked about and the offices all assigned somebody and they have gone round and round and round for months on end and we have gotten absolutely nowhere. So that is why I put up the bar to kind of show where we are at the moment. We are nowhere.

The chairman says that a lot of these are good ideas, but we can't get any of them to move forward and these are not the biggest ticket items. The biggest ticket item I know he doesn't agree with. He said he would do it over his dead body and I was willing to take him at his word.

[laughter]

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But that being said, there are things that can make our organization work better and we will have improved collegiality. Mr. Shimkus. And I would just, reclaiming my time, and I know I am -- I would just hope that in our last cycle here, we start talking about how we can make it all work better and move forward, not backwards. And I yield back my time.

18 Mr. Lance. Thank you and for the first time as chair, time19 has run out. Ms. Clarke, you are recognized.

20 Ms. Clarke. Thank you so much, Mr. Chairman, and I thank 21 our ranking member.

22 Chairman Wheeler, it appears that some progress is being made 23 on the set-top box issue and I want to applaud your efforts to 24 solicit and consider alternate proposals from industry. 25 However, I believe that for the Commission to continue down this

path, based upon the telecom law of 20 years ago with regard to the technology hardware that is set-top box is quickly becoming obsolete. It is, in fact, a fool's errand. I hope that this debate, however, has been useful in unearthing the complexity and layers of issues that intersect and so profoundly impact on consumers and the industry that are impacted by creating this new ecosystem.

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8 I hope that the rulemaking will be done in a way that we can 9 look to a 21st century model. And as you know, the GAO has 10 approved my request for an impact study. Clearly, my preference 11 would be that no action is taken prior to the GAO study, following 12 your own advice to trust and verify.

However, if there remains an insistence on moving ahead, I would like to have your assurances that you will work with me to ensure that the findings of the proposal's impact on

multi-cultural media will be integrated into any file rulemaking.

Mr. Wheeler. Thank you, Ms. Clarke. You and I have talked about this repeatedly and you know that I do feel strongly about the importance of making sure that the Commission step up its role to make sure that we do create opportunity to multi-cultural media.

Ms. Clarke. Absolutely, but my question was -Mr. Wheeler. Would I work with you? Yes, ma'am.
Ms. Clarke. And when the GAO study findings come out that
we will review them together and see how they can be incorporated

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1	into a final rule.
2	Mr. Wheeler. And I hope that what we are doing is in the
3	process right now building a record.
4	Ms.Clarke. I hope so, too. But I am talking about the GAO
5	study. I am very specific about what I am looking at.
6	Mr. Wheeler. Yes.
7	Ms.Clarke. Okay, very well. Thank you. On June 27th, you
8	circulated a fact sheet describing an item provided in response
9	to the Third Circuit's remand in the wake of the Prometheus
10	decision. Five minority ownership proposals suggested by MMTC
11	were excluded, including the extension of the MVPD procurement
12	rule to all communications platforms, a rule introduced in advance
13	by my colleague, Congressman Rush.
14	Would you be willing to commit to the extension of this rule
15	across all platforms recognizing industry convergence? I think
16	this is one of the things that has become self-evident through
17	this process.
18	Mr. Wheeler. There is a real challenge that we face under
19	the Supreme Court's strict scrutiny standard.
20	Ms. Clarke. I am clear on that.
21	Mr. Wheeler. And the ability to get through that standard
22	becomes a threshold to all of this. If there is a way that you
23	think that that could be done, I am interested.
24	Ms. Clarke. Let us talk about that. Chairman Walden
25	Chairman Lance, I would like unanimous consent to submit a letter
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for the record signed by myself, Congressman Rush, and Congressman Butterfield to Chairman Wheeler requesting the extension of the MVPD procurement rule to all FCC regulated entities.

Mr. Lance. Without objection.

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Ms. Clarke. Thank you. Finally, Mr. Chairman, you have noted that the media and telecom ecosystems are converging rapidly. Leading the way in this convergence is advertising whose messages cut across media platforms from AM radio to wireless apps to everything in between.

When the FCC banned discrimination in ad placement in 2008, the agency recognized how critical advertising is in facilitating the diversity of voices and ownership. Under the current statutory authority, it appears that the Commission can ask the industries it regulates for information on the use of minority-owned advertising agencies and their current status with minority owned media ad placement.

Would you be willing to make such an information request of both the agencies you regulate and edge providers to provide the results to members of this subcommittee within 90 days of today's hearing?

21 Mr. Wheeler. Thank you, Congresswoman. I am not familiar 22 with the specifics, so a blanket yes ma'am, but I would like to 23 learn more and see what can be done.

24 Ms. Clarke. Very well. Chairman Wheeler, I will also be 25 submitting to the record follow-up questions regarding the

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Commission's movement on secondary market transactions for
 minority owners. Having said that, Mr. Chairman, thank you.
 Mr. Lance. Thank you very much, Congresswoman. I will
 recognize myself for 5 minutes.

I am pleased to see that we are discussing 5G technology. Just yesterday, Verizon Wireless in the district I serve in Basking Ridge, New Jersey, announced that it had completed its 5G radio specification, the first U.S. carrier to do so and I look forward to working with all of the members of the Commission and the members of this committee on this issue.

For Commissioner Pai, with all of the convergence going on in the communications industry and the Internet ecosystem, policy makers strive to make laws and regulations that are technology neutral so as not to disadvantage one company over another in the marketplace because competition among firms on a level playing field is, in my judgment, beneficial to all consumers.

17 If the FCC applies a certain set of rules to ISPs that differ 18 significantly from the rules that apply to other participants in 19 the Internet ecosystem, would that be considered technology 20 neutral?

21 Mr. Pai. Congressman, I do not believe it would be 22 considered technology neutral.

23 Mr. Lance. And do you believe that this is a possibility 24 moving forward?

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Mr. Pai. It is not only a possibility, the FCC itself

recognized that in paragraph 130 of the privacy NPRM. 1 Mr. Lance. Thank you. Commissioner O'Rielly, would you 2 like to comment on that, please? 3 Mr. O'Rielly. I agree, I don't believe it is technology 4 5 neutral and I think that is the path we are headed for. Mr. Lance. Thank you. For Commissioner Pai as well, and 6 7 also Commissioner O'Rielly, one of the foremost concerns of 8 consumers today are Caller ID spoofing calls and I have worked 9 on this issue, scammers using IP-based technology to spoof the 10 phone number, the name and pose as a legitimate financial institution or law enforcement agency to scam consumers and 11 12 Congressman Barton raised this as well. 13 It is my understanding that there is an effort underway among 14 service providers and third parties with directory listing information to develop a protocol to verify the Caller ID 15 16 information before sending the call to consumers. This protocol 17 relies on the sharing of data. Under the FCC's proposal if we move 18 to an opt-in consent regimen, there are concerns that this effort 19 could be undermined. Would you please comment, Commissioner Pai? 20 Mr. Pai. Thanks for your question, Congressman. I think 21 this highlights part of the problem. One of the unintended 2.2 consequences of the FCC's intended approach by diverging from what 23 the Federal Trade Commission previously had done apply more of a consumer-based approach, the FCC has highly-prescriptive 24 25 regulations that would single out certain players in the echo

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system for disparate regulation. I think one of the harms could 1 2 be to consumers in that regard. And that is part of the reason why the FTC staff itself recently commented to the FCC that this 3 two track privacy scheme that is in development is something that 4 5 is not going to benefit consumers in the long run. Mr. Lance. Commissioner O'Rielly? 6 7 Mr. O'Rielly. I would agree. I think the unintended 8 consequence that you highlighted gets to the point of the rush 9 to judgment. We are trying to move this expeditiously to finish 10 by the end of this term, the end of this year. This is a very sensitive topic. It is a very complicated topic and it should 11 12 be done on a timeline such as that. 13 Mr. Lance. Thank you. There are constituents of mine as 14 well as just about everyone here on the dais and we have petitions 15 pending at the FCC. However, we know that in some cases 16 petitioners can wait years before having a resolution. Former 17 Chairman Emeritus Barton discussed this. This is also true of 18 constituents of mine. 19 What more can be done to clear pending petitions so 20 individuals and businesses who have business before the FCC can 21 have certainty as to what is occurring? 2.2 Commissioner Pai? 23 Mr. Pai. Thanks for the question, Congressman. My very 24 first speech as a commissioner, I targeted this as an area of good 25 government reform. I think the public expects and deserves to

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be given an answer. Tell me yes, tell me no, but just tell me something.

3 One thing we can do that I teed up 4 years ago was apply Section 7 more vigorously which requires the FCC to rule on 4 5 applications for new products and services within a year. It is essentially a dead letter for many years at the FCC. We should 6 7 impose more deadlines on ourself and I think we should also impose 8 more sunset clauses so that regulations don't persist well past 9 their due date. They have to be revisited every now and then. 10 And those are the kinds of things on a bipartisan basis that would ensure that every member of the American public gets an answer 11 12 that is responsive and that matches marketplace reality. 13 Mr. Lance. Mr. O'Rielly? 14 Mr. O'Rielly. I would agree with my colleague's comments. 15 I would also say that in the legislation that this committee has 16 addressed, it would require us to set deadlines on a number of 17 things in the petitions. We can move that without -- we can do 18 that ourselves. It would be helpful to have legislation. I am 19 supportive of that, but we can do that notwithstanding and I would 20 like to see us do so. 21 Mr. Lance. Thank you very much. I yield back the balance 2.2 of my time and I recognize Congresswoman DeGette.

23 Ms. DeGette. Thank you, Mr. Chairman. I just want to 24 clarify a couple of things that we have been talking about this 25 morning. The first one is this set-top box proposal and the

alternatives that have been proposed. One of my big concerns as the co-chair of the Privacy Caucus with Mr. Barton is protecting consumer privacy.

And so Chairman Wheeler, I just wanted to ask you irrespective of what path the set-top box final rules goes, does the FCC plan to retain enforcement authority over any violations of Section 631 and 338?

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Mr. Wheeler. Yes, ma'am.

9 Ms. DeGette. Thanks. The second area I wanted to talk 10 about very briefly is this lingering discussion of waste, fraud, and abuse in Lifeline. Always I hear -- I have been in Congress 11 12 now for a while I always hear people criticize waste, fraud, and 13 abuse. This is certainly something we can agree on on a 14 bipartisan basis. Nobody wants to see waste, fraud, and abuse. 15 We are opposed on a bipartisan basis to waste, fraud, and abuse. 16 I think it is important to get that on the record and so when I 17 hear people like Commissioner Pai talk about waste, fraud, and 18 abuse in the system, I take that seriously and I think that we 19 should all talk about this investigation and these findings and 20 is it true and what are we going to do about it?

And so Chairman Wheeler, I thought I might give you the opportunity to talk about some of the actions that the FCC has taken either during or before your tenure to combat fraud, waste, and abuse, and is this an issue that you take seriously moving forward?

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1	Mr. Wheeler. Thank you very much, Congresswoman, and yes,
2	it is hard to understate the seriousness of something like this
3	for two reasons. One, as has been pointed out, this is the
4	people's money.
5	Ms. DeGette. Right.
6	Mr. Wheeler. But two, if waste, fraud, and abuse is being
7	used to compromise the ability of individuals who deserve to have
8	connectivity and to threaten the program than it is worse, even
9	worse.
10	This is a program we are existing in an environment where
11	technology is moving ahead and people are falling behind. We must
12	be vigilant. What we have been doing, as I said before, is playing
13	whack-a-mole on this, that there was a design for the program that
14	said we will let the fox guard the henhouse, that we are going
15	to count on self-certification from those who get the money to
16	say yes, this is a real person, yes, this is a good address,
17	etcetera. That is the way the program was designed at the outset
18	and we spent the last 8 years playing whack-a-mole trying to beat
19	those down as new attacks on that pop-up.
20	Ms. DeGette. So that is great. I am glad you recognize,
21	as I do that this is a problem. Can you give me some concrete
22	examples about what the Commission is doing and also maybe respond
23	a little bit to what Commissioner Pai said in about 30 seconds?
24	Mr. Wheeler. As Commissioner Pai said we just had a \$51
25	million judgment against a company called Total Call Mobile which
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was engaged in virulent fraud. We have actually shut them down so that they are not getting any funds going forward now.

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Because this is a law enforcement issue, I can't give you specifics other than to say that both the Enforcement Bureau using civil means and the Inspector General of the Commission working with the Justice Department and the FBI for criminal prosecution are moving forward and have identified over a dozen specific instances where you need to be going after.

9 Ms. DeGette. Thanks, and if you could please supplement 10 your testimony today to tell me what processes the Commission is 11 putting into place within its network to prevent fraud, waste, 12 and abuse?

And Commissioner Rosenworcel, since it is your birthday, I just have to ask you one question. How do you think that the expansion of broadband to the Lifeline Program will help close the homework gap that you talked about in your testimony?

Ms. Rosenworcel. Thank you. If you don't have access to modern communications today, you don't have a fair shot at prosperity in the 21st century. And that is especially true for school children. Pencil and paper doesn't cut it any more. So what we can do with Lifeline could make a big difference for students by giving them the connectivity they need to simply do their homework.

Ms. DeGette. Thank you. Thank you very much, Mr. Chairman.
Mr. Lance. Thank you very much. The chair recognizes Mr.

Scalise.

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Mr. Scalise. Thank you, Mr. Chairman. I first wish you Happy Birthday, Commissioner Rosenworcel. I promise not to ruin it by singing to you. I couldn't imagine where else you would rather be than on your birthday than here.

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I really appreciate all the Commissioners coming to talk to us about a number of things that we are interested in that I think people across the country are interested in in relation to the decisions that the FCC is considering in making.

I do want to applaud Congressman Shimkus' comment that it 10 is long past time to consider rewrite of the '96 11 12 Telecommunications Act. I have been talking about this for a long 13 time. I would be remiss if I didn't bring up the fact that this 14 was the mobile telecommunications device, the last time our laws 15 were written. And today, when we do so many new and innovative 16 things on this device, we are still governed by the laws that were 17 available when this device was the main smart phone. And we do 18 need to change those laws.

As we consider some of those changes, I have also been critical of the '92 Cable Act and the need to update that. I think at the time they were really good laws that some of the people that wrote those laws are here in this room and they were very valid and modern when they were written, but it is our responsibility to go and identify those areas where we need to modernize.

And I have also been very careful to point out that as we are modernizing those laws, we need to respect copyright law. The basic idea that somebody that created content ought to be compensated for the negotiations that occur and how that content is best distributed. And that brings me to the latest proposal that the FCC is considering dealing with set-top boxes.

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7 And I would be remiss if I didn't bring more modern 8 technology, and so when you look at this set-top box which is 9 actually being used today in the marketplace, I would hope that 10 we don't look at it under the prism that we have got to figure out a way to make this device the main source of content 11 12 distribution for consumers and again, I will go to the more modern 13 device that I use. I can literally stream and am streaming ESPN 14 right here on this app on my smart phone. I will be in person 15 when LSU plays Wisconsin and the Speaker and I are going to have 16 a difference of opinion when the Tigers beat the Badgers in Lambeau 17 Field, but if you are not there, you could actually watch the game 18 live on this device. And so it is incredible how much innovation has occurred in the marketplace. And a lot of it is through the 19 20 app-based world. And I would hope that we don't force the one 21 size fits all as we are looking at the different approaches.

I do want to ask you, Chairman Wheeler, the Motion Picture Association of America had submitted a comment, as many have, on the set-top box. In their reply, they had sent you a comment and said, "Our ask is straight forward. That in seeking to ensure

set-top box competition, the FCC not give third parties our 1 content without our permission and without compensation, not put 2 our content at risk of theft, and not threaten the economics 3 underpinning the creation of programming that is fostering a 4 5 second Golden Age of Television." So what I want to ask you is have you started looking closer 6 7 maybe at different alternatives including app-based technologies 8 as opposed to just looking at different ways to distribute through 9 this archaic device, as the industry is looking at different 10 innovations that are even more convenient for consumers like this. If you could share that with me and I would like to ask some 11 12 of the other commissioners as well. 13 Mr. Wheeler. Thank you, Congressman. Yes, the answer to 14 your question is yes. I loved your show and tell here. 15 Mr. Scalise. All of this will be in a museum. This is 16 actually a lot more valuable than when I bought it a few years 17 ago. 18 Mr. Wheeler. And it is even beyond this. I mean I just read 19 that Pokemon is back on an app of all things. So that is how 20 rampant the changes are. But let me be specific to your question. 21 The set-top boxes are not going away. I learned an 22 interesting thing the other day in Business Week, an article about 23 Comcast, that they are delivering 40,000 set-top boxes a day. And this of their X1, their latest whiz-bang. So set-top boxes are 24 not going away. 25

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1	Mr. Scalise. And I have seen some great innovations
2	Mr. Wheeler. And these apps are important.
3	Mr. Scalise. And these companies compete against each other
4	and I don't want us to be interfering with their competition.
5	Mr. Wheeler. And apps are very important and one of the
6	concerns that we are trying to learn in the proposal that NCTA
7	put forward, for instance, is that there are those who are
8	suggesting that the way in which they are structuring their apps'
9	proposal, actually requires a new gateway for every television.
10	That is a second box. This committee has told us a lot about how
11	much you don't like second boxes.
12	So we are trying to work our way through this. I am
13	encouraged that we will be able to get through it. I have lived
14	through all of those evolutions up there and I know that we will
15	none of them were easy and we will continue to work through
16	it, but we are going to be in serious discussions as to how do
17	we make sure that we have a solution that follows the statute and
18	offers consumers choice both in hardware and software.
19	Mr. Scalise. And I know I am out of time. I wanted to ask
20	Commissioner Pai about privacy. I will submit that for the
21	record, just on expectation of privacy and you have been pretty
22	vocal about that in the past.
23	Mr. Pai. Well, thanks, Congressman. I personally embrace
24	the twin goals that the White House set forth in the 2012 Privacy
25	Report that consumers should have a uniform expectation of privacy

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1	and that there should be a level playing field with respect to
2	all providers in the Internet ecosystem. And those are the twin
3	goals that I will carry forward in this proceeding.
4	Unfortunately, the FCC's proposal right now singles out
5	Internet service providers for disparate regulation despite the
6	fact that they are nascent players in the online advertising
7	market and that is part of the reason why we have seen, for example,
8	around the administration's first FTC chair, Jon Leibowitz,
9	suggests that this type of disparate regulation would not be good
10	for consumers in the long run.
11	Mr. Scalise. Yes, different standards. I appreciate it,
12	Mr. Chairman. I yield back.
13	Mr. Lance. Thank you very much. The chair recognizes
14	Congresswoman Matsui.
15	Ms. Matsui. Thank you, Mr. Chairman. I want to thank the
16	Commission for appearing before us again. It is great to see you.
17	Mr. Chairman, I know you all, all of you, appreciate the need
18	for greater access to spectrum to fuel our wireless economy. The
19	FCC has done a lot of important work in this area. The incentive
20	auction, as you say, is under way and I was encouraged to see the
21	FCC identify an ambitious clearing target, so congratulations.
22	There is ongoing work to identify government spectrum for
23	commercial use. I appreciate the FCC started a proceeding on the
24	1675 to 1680 megahertz which Representative Guthrie and I wrote
25	to you about along with many of our colleagues. I look forward

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to continuing to work with you to bring that spectrum to auction.

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And later this week, the Commission is voting on the spectrum frontiers proposal to open up high frequency bands for 5G, the next generation of wireless broadband. This is all progress and there is more to do if we want the United States to continue to lead the global wireless economy.

Chairman Wheeler, as I said, this is all progress. Can you elaborate on our broader strategy to ensure that the United States will continue to lead the world in 5G and I have additional questions for you, too.

Mr. Wheeler. Thank you, Congresswoman. I will be really 11 12 brief then. What we hopefully are going to do on Thursday is to 13 become the first nation in the world to identify high band spectrum 14 for 5G. And that coupled with what we have already done in low 15 band and what we have already done in mid band, puts this country, 16 its manufacturers, its entrepreneurs and innovators, it gives 17 them a home field advantage. And that, I truly believe, and I 18 was saying to one of my colleagues yesterday, the decision we make 19 Thursday could actually be the most important decision this 20 Commission makes this year.

Ms. Matsui. That is great. Chairman Wheeler, as you know, I am very interested in how we improve spectrum efficiency and spur innovation so that we can maximize the benefits of this finite resource. We often talked about this in the context of mobile phones and wireless carriers. But innovation is important for

all spectrum uses including over-the-air broadcasting. I know that a coalition including public broadcasters and consumer electronics manufacturers have submitted a proposal for next generation TV standard which could allow broadcasters to innovate within their existing spectrum. I understand the FCC has sought comment on that proposal.

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7 Mr. Chairman, what are the next steps as the FCC considers 8 this proposal and will you take further action this fall? 9 Mr. Wheeler. Thank you, Congresswoman. I don't know 10 exactly where we are on being able to commit to it this fall kind The record has just closed on this. We are in the 11 of agenda. 12 process of working our way through it. Then, of course, we will 13 be meeting serially and ad nauseam with all of the players to try 14 and collect the basic information to be able to have an informed 15 decision going forward.

16 Ms. Matsui. Thank you very much. And let me just say that 17 I really want to comment on Lifeline. I am very passionate about 18 it and I know other commissioners are passionate about it. I just 19 really feel that this is so important for not only connectivity, 20 but the fact of the matter is that there are so many people in 21 our country who are unserved and under served in both rural and 2.2 urban areas. In order to bring us to a point where economically we could really be competitive, we need to make sure that everyone 23 participates. So I encourage all of you to proceed further 24 25 because I think this is an area where we really need to ensure

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1	that we make a lot of progress. And I do thank you for everything
2	you are doing and I yield back. Thank you.
3	Mr. Lance. All right. Thank you. We will be adjourning.
4	We have a vote and we will be back. The chair has announced that
5	we are in adjournment. Thank you.
6	[Whereupon, at 12:26 p.m., the subcommittee recessed, to
7	reconvene at 12:48 p.m., the same day.]
8	Mr. Lance. The committee will reconvene, ladies and
9	gentlemen. The chair recognizes Mr. Kinzinger of Illinois.
10	Mr. Kinzinger. Thank you, Mr. Chairman. Thank you all for
11	being here and bearing with us on the votes and schedule.
12	Mr. Chairman, I have a very rural district that is served
13	by a number of companies that specializes in providing services
14	such as power distribution into areas with unique infrastructure
15	needs. In my district, there is about 50,000 people served by
16	rural electrical co-ops who provide safe and reliable services
17	on a continuous basis. The issue of those co-ops have brought
18	forward to your Commission and into my office is the timely
19	distribution of information when you have service-related
20	outages, interruptions, maintenance issues, things like that, and
21	how that could anything that basically could negatively affect
22	the consumer.
23	As I am sure you are aware, I am talking about the TCPA
24	regulations that were first introduced two decades ago before the

regulations that were first introduced two decades ago before the advent of majority of the technology we use today was invented.

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1	Are you aware of the petition filed by Edison Electric
2	Institute and the AGA requesting expedited action by your agency
3	by a utility-specific exemption from parts of TCPA regulations?
4	Mr. Wheeler. Yes, sir.
5	Mr. Kinzinger. Have you met with representatives of the
6	industry to hear their concerns, who are my constituents, their
7	views on the importance of service related text messages, phone
8	calls, that they want to receive regarding outages, maintenances,
9	and other issues?
10	Mr. Wheeler. I haven't met with them directly, sir. My
11	staff has.
12	Mr. Kinzinger. Okay. Do you have any plans for responding
13	to the petition or a time frame?
14	Mr. Wheeler. I put a proposal on the floor in December.
15	Mr. Kinzinger. Okay. Do you have any idea on timing beyond
16	the staff?
17	Mr. Wheeler. It is up to them. Mr. Kinzinger. Do you
18	have more to add?
19	Mr. Wheeler. Commissioner Rosenworcel is now telling me it
20	was adopted.
21	Mr. Kinzinger. Okay, great. Commissioner O'Rielly, could
22	the FCC have set up an enforcement regime modeled after the FTC's
23	enforcement regime? And is there any way that the two agencies
24	could have worked out an enforcement regime that took better
25	advantage of the FTC's expertise?
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Mr. O'Rielly. I think you are getting into the issue of 1 privacy. I think there was an opportunity and still is an 2 3 opportunity to work in cooperation with the FTC. I think the path that we are headed down though would not allow that. Hopefully, 4 5 we will change course. I am not too optimistic at the current time. 6 Mr. Kinzinger. Can you talk just a little about I guess 7 8 about the benefits of their expertise and --9 Mr. O'Rielly. So the FTC has been working on privacy 15 plus 10 years. I worked on it when I was a staff member here and oversaw. They built an extensive backhaul of material. They have hundreds 11 12 of people working on the issue. 13 Compare that to the FCC, we have maybe 15 people working on 14 it. And our experience is this narrow in terms of what the scope 15 is and also how long we have been working on it. So I would argue 16 that we should adapt and adopt a lot of the approach from the FTC. 17 They have a different statute that governs their operations than 18 us. It is an enforcement model structure, but they have been able 19 to get to a place that provides, I believe, and I think most people 20 that operate in the space, privacy protections for consumers and 21 ensures that the privacy is treated fairly without jeopardizing 2.2 the Internet and the Internet experience. 23 Mr. Kinzinger. It would seem to make sense to learn from 24 what other agencies have done as we implement it. Let me ask you

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another question, different subject. This committee spent a

great of time considering infrastructure issues. As we move towards 5G, infrastructure becomes both more important and more complicated with networks running on many, many small cells instead of the more traditional macro towers.

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Can you tell us what the Commission is doing to enable the infrastructure deployment, and particularly, can you give us a status update on this proceeding regarding distributed antenna systems?

9 Mr. O'Rielly. Sure, the chairman may be better to answer 10 your last part as to the status. I only have so much say in the activities of the Bureau, but I have been pushing the agency to 11 12 move a number of items that would allow greater infrastructure 13 buildout. There is going to be more need for buildout. People 14 are talking of it being ten times the number in terms of macro 15 cells compared to the small cells, so to try and build that 16 infrastructure, it is going to be smaller, but you are going to 17 need more of them. You are going to need to get backhaul to them. 18 You are going to need to get power to those sites and that is a 19 very difficult universe.

We have a number of localities who we believe in federalism, but we have a number of localities that have been problematic in terms of allowing infrastructure builds. We have been trying to build best case scenarios, but we also have worst case scenarios and we are trying to use the authority that we have that Congress has granted us to push those localities to allow greater

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1 infrastructure because in the same breath that we will hear from 2 a mayor that my citizens want broadband. At the same time they 3 will say but we don't want you to build. It is a push-pull. And so we are obligated to try and make available Internet access and 4 5 broadband. Mr. Kinzinger. Sounds like politics. With that I will 6 7 respect the time and yield back. Thank you. 8 Mr. Lance. Thank you very much. The chair recognizes Mr. 9 McNerney of California. 10 Mr. McNerney. I thank the chairman. I want to thank the Commission for your hard work. I mean this is interesting, but 11 12 it is complicated and sometimes controversial, so I appreciate 13 your work on this. 14 I am glad to hear that the chairman of the subcommittee and 15 the ranking member are interested in the wireless microphone 16 licensing issue and I offer to work with anyone on that. 17 Chairman Wheeler, regarding set-top boxes, one of the goals 18 outlined in an FCC fact sheet about your initial proposal was 19 better prices for customers. This goal is especially important 20 for customers in my district which has high unemployment and high 21 poverty rates. Are better prices for consumers still a priority 2.2 considering the apps-based approach? 23 Mr. Wheeler. Thank you very much, Congressman. You know, 24 set-top box forced rentals because you really have no choice, have 25 been going up at about five percent a year every year like

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clockwork. And so yes, it is a very serious concern. And one 1 2 of the reasons why I believe the Congress mandated that we have a competitive -- we assure that there is a competitive set-top 3 box, or navigation device which is what the language uses, was 4 5 for that very reason because competition has the effect of having an impact on lowering prices. 6 7 Mr. McNerney. It should any way. 8 Mr. Wheeler. It should. 9 Mr. McNerney. Commissioner Clyburn, do you believe that the adoption of the apps-based approach could in any way disadvantage 10 low-income consumers? 11 12 Ms. Clyburn. I believe that the direction in which we are 13 headed and the proposed regime and the outcome that all of that 14 envisions should bring overall net benefits to all in terms of 15 a more openness, more competition, adherence to Section 629. 16 And again, we are keeping in mind all of the privacy, 17 security, and other protocols that is without question as a 18 baseline, but what we want is more options. What we want is more 19 affordability. What we want is more competition and more people 20 having access and I think that is the direction in which we are 21 headed. 2.2 Mr. McNerney. Well, I hate to ask a procedural question, but going to apps-based approach, is there going to be another 23 new Notice of Proposed Rulemaking? 24 25 Mr. Wheeler. I think the notice that we put out is broad

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enough at this point in time to be able to justify it because we
 asked for what are other approaches to the whole.
 And certainly there is a record developing on this, sir, so you

can't say that there wasn't a record.

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Mr. McNerney. Moving on to Lifeline, I would like to thank Mr. Pai for acknowledging the difference between potential widespread fraud and widespread providers. I encourage you to keep that distinction in mind as we move forward.

9 Mr. Wheeler, the Lifeline Program is a critical resource in 10 my district. More than 56,000 households participate. How 11 would capping the budget for Lifeline Program impact the Lifeline 12 recipients?

Mr. Wheeler. Thank you, Congressman. What it does is it disincentizes the offering of service because if you look at -you need to be able to say to someone who is going to provide service you can count on \$9.25 a month because you have got to amortize equipment, you have to worry about all of the expenses associated with this and you can count on that kind of a cash flow.

19 If you say well, it is \$9.25 today, but tomorrow, could be 20 \$6, then you create an economic disincentive to be offering the 21 service. So what we tried to put in place was a budget that said 22 okay, when you get to 90 percent of this number, then it is time 23 for the Commission to come back and revisit what is going on. How 24 do you put a mechanism in there? We don't want things just go 25 whacko here, but how do you put a mechanism in first control while

creating incentive at the same time?

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Mr. McNerney. Moving on to the 911 technology issue, how do you see the FCC gaining the authority that you feel you need to move forward with adapting the new technology?

Mr. Wheeler. I think this committee is in charge of that question, sir, with all due respect.

Mr. McNerney. Okay. Good. I have 18 seconds, so Mr.
Wheeler, I am interested in the privacy issue as well. If the
Commission allows paper privacy practice in moving forward with
this rulemaking, how will it ensure that the costs of incent of
Internet service is not inflated so that consumers are forced to
accept the discount in order to use that to keep their information
from being --

Mr. Wheeler. Thank you, Congressman. Excellent question. So I think that everybody agrees that privacy isn't a luxury. You can kind of start there. And as your question indicates, this is a very complex issue, and so we specifically called it out in our rulemaking and said can we please have everybody's thoughts on what the best way is to do it. I haven't got an answer for you yet, but we are searching for it.

Mr. McNerney. Thank you, Mr. Chairman.
Mr. Lance. Thank you very much. The chair recognizes Mr.
Bilirakis of Florida.

24 Mr. Bilirakis. Thank you, Mr. Chairman. I appreciate it 25 very much and I want to thank the panel for their testimony today.

Welcome.

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Like many of my colleagues on both sides of the aisle, I think it is imperative for you to listen to the chorus of concerns for your set-top box NPRM and embrace the apps-based approach that won't shackle the industry to a hardware-dependent model moving forward.

My constituents and I are also concerned about the likelihood of confusion that will grow exponentially with your new ISP privacy proposals under our Title II. It does not make a lot of sense to me to regulate Internet service providers under one new set of untested rules and allow everyone else to continue under the successful FTC privacy standard.

My constituents want to be sure that their important information is security protected online at all times. The best way to ensure this is to consistently apply uniform standards to all of their information so they don't have to worry that their information can be treated differently depending on who they are providing it to.

19 This recent trend towards differentiating between types of 20 companies that can potentially compete against one another in the 21 free market is a troubling regulatory development in my opinion. 22 I want to follow up on a matter that we have discussed in the past 23 few meetings regarding the FCC field offices, Mr. Chairman.

I along with many of my colleagues from both sides of the aisle were concerned about the impact of losing the fields' boot on the ground presence, especially with regard to resolving interference to public safety communications. You have consistently stated the FCC will continue to meet its speed of disposal metric for public safety interference. The FCC will respond to 99 percent within one day and that response is typically an email to the complaint, so I don't really consider that a response.

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8 However, you have since disclosed that it takes 28 days, I 9 understand, on average to resolve the interference to end it. In 10 one sentence or less, Chairman Wheeler, has that data point 11 changed since you closed the field offices?

12 Mr. Wheeler. I can't answer that with specificity, sir, but 13 the need to get out and deal with what are the realities in each 14 interference situation, for instance, one of the major 15 interferers is ballast in neon bulbs. So I remember a situation 16 where our inspectors go and knock on a beauty shop door and they 17 have no idea what is going on. How do you find it in here? Ιt 18 becomes an ongoing extensive process to get through it, but I can't 19 -- I'll try to find what the answer is to your question, but I 20 don't know it off the top of my head.

Mr. Bilirakis. Please get that to us as soon as possible.
Again, members from both sides of the aisle are interested in this,
our constituents come first.

24 So moving on, Commissioner Pai and O'Rielly, a European 25 commentary recently asserted that rather than move towards the

type of harmonization our privacy rules achieved in Europe, the FCC's proposal and I quote "seems to be instead moving towards fragmentation and more prescriptive rules for Internet service providers versus other Internet companies including some of the largest users of personal data."

She indicated that "from European eyes, it appears strange to see the U.S. normally a leader on digital issues taking this apparently retrograde step."

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9 Now that the privacy shield agreement was formally approved 10 earlier today, what does it mean for Europe to have harmonized 11 privacy standards and transatlantic reliance on the FTC model 12 whereas domestically the FCC rules could lead to fragmentation 13 of our privacy regime? Whoever wants to take it first.

Mr. Pai. Congressman, thanks for the question. Those concerns are shared domestically included by myself and I think part of the reason why the privacy shield was notable was that it is backed up by Federal Trade Commission enforcement and the U.S. Commerce Department represented to the European Union that FTC enforcement was an adequate way to ensure that at least domestically those privacy protections would be upheld.

21 Unfortunately, I think what the FCC has done according to 22 the FTC's own staff comments it is carved out for special and more 23 onerous regulation Internet service providers and so as you 24 pointed out in your question we now have a two-track regime. 25 Ironically, the new competitors in the online advertising market

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1	apparently will face more onerous regulation than everybody else
2	who will face FTC regulation. And I think that is something that
3	ultimately will redound to consumers' detriment.
4	Mr. Bilirakis. Commissioner O'Rielly?
5	Mr. O'Rielly. I would agree with my colleague's comment.
6	I hate to admit it, but it looks like Europe is taking a more
7	thoughtful approach than the United States on this issue.
8	Mr. Bilirakis. Thank you. Commissioner Pai oh, I know
9	there is not much can I have 30 seconds?
10	Mr. Lance. Certainly.
11	Mr. Bilirakis. Thank you very much, Mr. Chairman, I
12	appreciate it.
13	Commissioner Pai, what is so unique about the Lifeline aspect
14	of the Universal Service Program where a basic fiscal
15	responsibility measure like a firm budget cap is still not applied
16	to a program with such a storied history by some, not all, of the
17	participants in the Lifeline Program?
18	Mr. Pai. Thanks for the question, Congressman. I think the
19	Lifeline Program like all of the Universal Service Programs are
20	focused on one things, supplying digital opportunities to
21	Americans who otherwise might not have them. And that is part
22	of the reason why I think it is so important for the FCC to be
23	a wise fiscal steward of all of the dollars that taxpayers put
24	into that fund.
25	Part of the reason why I supported a budget is that it was

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1	the only one of the four Universal Service Fund programs that
2	wasn't budgeted. I think it tends to promote more wise and
3	careful spending to make sure that those dollars go to the people
4	in need and I think that is something that all of us can agree
5	on.
6	Mr. Bilirakis. Definitely. Thank you very much. I
7	appreciate it. I yield back, Mr. Chairman.
8	Mr. Lance. Thank you very much. The chair recognizes Mr.
9	Yarmouth of Kentucky.
10	Mr. Yarmuth. Thank you very much, Mr. Chairman, and I very
11	much appreciate this hearing. I am not sure I could have gone
12	another 2 months without an FCC fix.
13	[Laughter]
14	And I would also like to agree with Mr. Shimkus and Mr.
15	Scalise about, I think, the desirability of rewriting the act,
16	although I might suggest that it is going to be a lot harder given
17	the pace of change in this field, it is going to be a lot harder
18	than it was in '96 and certainly a lot harder than '34.
19	I know you have all heard me say before, we are talking about
20	the pace of change that innovation is requiring companies to make
21	investments to support user demand. Just last weekend in my
22	district it was reported that AT&T has finally built out their
23	fiber footprint and it is great. It is great for my constituents
24	and I know it has been said many times in this hearing already
25	how important this is for the country and I commend the Commission

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on its work in expanding broadband so everyone can participate in the economy.

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That being said, the way we receive content from 3 broadcasters, radio, and newspapers is changing rapidly and I 4 5 remember when I was growing up we had two television stations in Louisville, two radio stations that reported news, and two 6 7 newspapers that were owned by the same company that owned one of 8 the television stations and one of the radio stations, so I really 9 understood the -- I would have understood the need for cross 10 ownership regulation at that point. But now in today's world and I come from a media background. I owned a newspaper. My son now 11 12 owns a newspaper which he is also doing broadcasting. Every 13 broadcaster is doing print media. They are not doing it in 14 newsprint. But they are doing it on line.

Pew Research said 62 percent of Americans now get their news from social media. I saw a Nielsen report a couple of weeks ago, among Millennials, only 24 percent watched any television last year and I actually validated that with a group. I was with 30 Yale students. I said how many of you watch television this year. Everybody raised their hand. I said how many of you watched the television set? Two raised their hand.

So as I think of all this, I am wondering and I read the fact sheet, the update on the Commission's plans on cross ownership rules. And I know Mr. O'Rielly, you have been outspoken about your opinion that we don't need it, we don't need them. I noticed

in that update it says that the rule will reinforce the idea that is necessary in the public interest. So I am kind of curious in the 2 minutes and 20 seconds I have left, let you have a take a shot first for a minute as to why you don't think they are necessary anymore and then I would like to have somebody who believes, can

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7 Mr. O'Rielly. So I haven't said to eliminate. There is 8 five rules with different parts to each one. So I haven't said 9 to eliminate them in total. There are definitely paths that I 10 want to see us recognize that we should modernize. You highlight the experience of newspapers. The newspaper industry is in a very 11 12 troubled state, but we are going to maintain -- you will see soon 13 enough our activity on our media ownership rules. I think you 14 are going to find it is even stronger than what is on the fact 15 It is actually in a more prescriptive and additional route sheet. 16 requirements. So I think that is in the wrong direction.

explain to me where the public interest benefits from?

17 But based on where the media is today, where Millennials are 18 taking their information, where consumers are taking their 19 information, where news is being provided, so one of the arguments 20 that I made and this is a point in my testimony is that we can't 21 do anything on television because we have the incentive auction 2.2 going, but that has no impact on the newspaper/radio side and we make the point that those markets are not the same and they are 23 not competing against each other in the item, so it is hard to 24 25 me to fathom that we can't at least do some reform over here, but

we are not planning to do so. So we are going to lock in the rules 1 for another 4 years or longer and it hasn't changed since 2004. 2 I think that is very problematic given what has changed in 3 that time frame for users' experience, for consumers' experience, 4 5 and for producers' experience. And I just think that we have to thoughtfully change our rules, modernize them while still 6 7 respecting localism, competition, diversity, and the public 8 interest. We can do both. We are not doing it in this item. 9 Mr. Yarmuth. Mr. Chairman, do you want to take a shot at 10 that or any of the others?

Mr. Wheeler. So thank you, Mr. Yarmuth. You know, I think we have to put this in perspective. This committee was very explicit and the court, Third Circuit, very explicit saying hey, it has been 8 years since you guys have made any kind of decision on this. It wasn't because we weren't trying. It was because there wasn't a majority that would coalesce around an idea.

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17 So step one is is there a majority that will coalesce around 18 an idea. Step two is, all of the commissioners have not yet 19 expressed themselves in this proceeding. And are there ways that 20 those two groups can work together on this and I think that is 21 yet to be seen. But the point of the matter is that the reason 22 we took this two-year step is because for 8 years nobody has ever been able to figure out where is something we can all agree on 23 and that is still an item that is very much under discussion. 24 25 Mr. O'Rielly. We are in the exact same spot as we were

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1	before. Nothing is going to change, yet the marketplace is
2	changing before our very eyes.
3	Mr. Wheeler. That is the key thing. The market is
4	changing, even Pokemon.
5	Mr. Lance. Thank you very much. The chair recognizes Mr.
6	Johnson of Ohio.
7	Mr. Johnson. Thank you, Mr. Chairman, and I, too, thank the
8	panel for being with us today.
9	Chairman Wheeler, the FCC recently levied a \$34.5 million
10	fine against a Chinese company for selling equipment that is
11	illegal in the United States, jammers. Did that Chinese company
12	respond to the FCC in the course of the penalty proceeding to
13	defend itself?
14	Mr. Wheeler. I can't answer that with specificity.
15	Mr. Johnson. Can you get back to me on that?
16	Mr. Wheeler. Yes, sir.
17	Mr. Johnson. Okay, do you expect that the Treasury will ever
18	see any of the \$34.5 million fine that the FCC assessed?
19	Mr. Wheeler. I quit hypothesizing some time ago.
20	Mr. Johnson. Let us take a wild guess because I don't think
21	we will. And that being the case, does it not give you concern
22	about the enforcement mechanisms proposed in your set-top box
23	proposal that will likely result in offshore companies
24	manufacturing and selling set-top boxes in the United States?
25	Are you going to have repeats of this kind of thing.

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Mr. Wheeler. I understand your point. So one of the things 1 2 that we are -- this is on the table as we work through with the industry, what is the right kind of approach. 3 Mr. Johnson. Do you have concerns about collecting the 4 5 money and enforcing though with your proposal as it is? I mean if we can't enforce it on China, and you have no certainty that 6 7 we can, how does your proposal stack up? 8 Mr. Wheeler. So the way the rulemaking works is --9 Mr. Johnson. I know how the rulemaking works. Do you have 10 concerns about the enforcement mechanism? That is a very narrow 11 question. 12 Mr. Wheeler. And we are trying to resolve those concerns 13 as we go through this process. 14 Mr. Johnson. So you do have concerns? 15 Mr. Wheeler. As we go through this process. 16 Mr. Johnson. Okay, great. 17 Mr. Wheeler. It has been raised in --18 Mr. Johnson. One of the things that we focused on is the 19 uncertainty that results from poor processes. On May 4th of this 20 year, an opinion and order was released by the Enforcement Bureau 21 in a complaint proceeding. The complaint was filed with the FCC 2.2 on May 13, 2004. It took the FCC almost 12 years to resolve the complaint. Were you aware of this? 23 24 Mr. Wheeler. Which proceeding are you speaking of, sir? Mr. Johnson. I can get you that information. I don't have 25

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1	which specific proceeding, but are you aware of that?
2	Mr. Wheeler. I am not aware of that, sir.
3	Mr. Johnson. Okay, I will follow up with questions for the
4	record.
5	Mr. Wheeler. Great. Thank you.
6	Mr. Johnson. Also, Chairman Wheeler, you recently
7	submitted the FCC's management report on Inspector General and
8	other audit reports to the committee. The report discloses that
9	in March of last year the IG issued a report on the FCC's management
10	of civil monetary penalties. I think the IG testified back in 2014
11	that he was going to do this and that the report found that the
12	FCC had not collected all the penalties and fines that it could
13	have.
14	You reported to this committee that of the IG's 13
15	recommendations, ten remain open. Is that correct? Do I have
16	that number right?
17	Mr. Wheeler. I don't know by the count, sir. I know that
18	we submitted the report to you.
19	Mr. Johnson. Okay, but you reported to us that of the IG's
20	13 recommendations, 10 remain open. Do you know how many of the
21	recommendations still remain open?
22	Mr. Wheeler. No, sir.
23	Mr. Johnson. You do not?
24	Mr. Wheeler. No, sir.
25	Mr. Johnson. Do you have any idea when the remaining
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1	recommendations will be closed out?
2	Mr. Wheeler. Working with the IG.
3	Mr. Johnson. Well, there is a lot you don't know today,
4	isn't it? Is your memory failing or what? You don't remember
5	the report and the recommendations? I mean you testified before
6	this committee on these matters.
7	Mr. Wheeler. Yes, sir.
8	Mr. Johnson. Yes, sir to what? You do remember or you don't
9	remember?
10	Mr. Wheeler. I am giving you straight and truthful answers.
11	Mr. Johnson. Well, no, you are saying you don't know. Can
12	you get back to the committee on these things?
13	Mr. Wheeler. Yes, sir.
14	Mr. Johnson. I will turn these questions in as well.
15	Commissioner O'Rielly, you blogged about the FCC's handling of
16	penalties, is that correct?
17	Mr. O'Rielly. That is accurate.
18	Mr. Johnson. Did the chairman's office share this report
19	with you?
20	Mr. O'Rielly. I am not aware of that report, no, sir.
21	Mr. Johnson. You are not aware of the report.
22	How can this be a commission, Mr. Wheeler, Chairman Wheeler,
23	when the report is not even shared with all the members of the
24	Commission? You testified earlier that the majority of decisions
25	are made unanimously among the Commission. How can you make

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1	decisions when a critical report like this is not shared with all
2	the members?
3	Mr. Wheeler. No, I think it is shared with the members.
4	Mr. Johnson. He just said it is not. So your opinion
5	differs from theirs.
6	Mr. Chairman, I yield back. We are not going to get to the
7	bottom of this today. Thank you.
8	Mr. Lance. Thank you very much. The chair recognizes Mr.
9	Rush of Illinois.
10	Mr. Rush. I want to thank you, Mr. Chairman. It is always
11	a pleasant time when the Commission comes before the subcommittee
12	and I certainly want to welcome you all to this hearing.
13	Commissioner Clyburn, can you explain to me how does your
14	set-top box proposal requiring pay TV to provide free information
15	for those the device makers when worked with the cable industries
16	ask and fetch model?
17	I heard from many in the cable industry that information
18	flows does not exist in the network and that the FCC's set-top
19	box proposal is impossible to comply with. Do you agree with
20	this?
21	Ms. Clyburn. So again, I am trying to wrap my head around
22	your question. You are saying that there is a charge that our
23	current proposal will not realize if you could restate
24	Mr. Rush. There is no mechanism within the set-top box that
25	will concur or will allow them to get the information that you
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are requesting from the manufacturers of the set-top boxes. 1 Ms. Clyburn. So one of the things, if I am in sync with your 2 question, one of the things that we are hoping for here is more 3 competition and again, if there are either standards with the 4 5 current set-top box ecosystem where there is a neutral agree-upon standard by a standard setting body, then I believe if I am 6 7 answering your question, I am struggling a little bit, so forgive me if I am not understanding. A standard setting body would set 8 9 the protocols that will enable the manufacturers to be in sync 10 with what the ecosystem or what the protocols are in place. So if I am not reaching --11

Mr. Rush. I understand that the cable industry is saying that the information that you are requesting that it does not exist in their network and that your proposal that you have before -that you are considering is impossible because there is no way for them to gather the information.

Ms. Clyburn. Okay, so one of the things that we are discussing in this particular item is right now 99 percent of individuals rent their -- get their set-top box, rent their set-top box from the particular provider whether it is a cable or a satellite provider.

22 What we are putting forth is whether or not this should be 23 a more competitive regime, a more neutral, possibly a more neutral 24 regime which a lot of people, especially those who are independent 25 programmers are saying would be needed in order for more people

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1	to take part. So again, I will follow up with you. I am not sure
2	I am hitting the mark, but that is my
3	Mr. Rush. I really appreciate your answer. Chairman
4	Wheeler, how did you come to the conclusion or the Commission come
5	to the conclusion that the FCC does not have a basis for
6	instituting race and gender based standard preferences.
7	Specifically, I am interested in what information study was
8	emphasized and was collected to reach this conclusion?
9	Mr. Wheeler. Thank you very much, Congressman. This is one
10	of the most vexing issues that the Commission faces. The Supreme
11	Court in the Adarand decision was very strict in terms of what
12	it said was possible. We have been trying to work our way through
13	that.
14	What we did an approach, I can't speak specifically to
15	a specific item at this point in time, but an approach to that
16	is to view things on a revenue basis and how is it that you can
17	provide incentives to small businesses and should the
18	Commission's policies follow that. And also then, how do we do
19	things such as our JSA order which has resulted in an increase
20	in minority ownership of broadcast.
21	Mr. Rush. Mr. Chairman, earlier there was an initial 30
22	seconds granted to a member.
23	Mr. Long. [presiding] Okay, that is fine. We do have a
24	vote, so we need to wrap it up pretty quick.
25	Mr. Rush. I just want to ask a simple question.

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1 Commissioner, Chairman, what would be your response to a request 2 for the FCC to review all of the research into the health risk of non-thermal exposure to RF radiation? I am concerned about 3 that because as you know I am a cancer survivor. 4 5 Mr. Wheeler. Thank you, Congressman. We would be very receptive to the input from the scientific agencies of the 6 7 government, but for us to say that we are a scientific agency is 8 a stretch. 9 Mr. Rush. Okay. Thank you. I yield back. 10 Mr. Long. I thank the gentleman for yielding back and I now recognize myself for 5 minutes of questioning. 11 12 Chairman Wheeler, earlier Commissioner Pai was talking about 13 some facts and figures and you referred to them as not -- so-called 14 facts, I think was your term. What I am going to refer to is not so-called, so I would like your response. The FCC's recent 15 16 enforcement action against Total Call Mobile is the latest example 17 of pervasive and ongoing waste, fraud, and abuse in the Lifeline 18 Program. As part of that proceeding, the FCC directed Total Call 19 to explain why Lifeline payments should not be suspended. Total 20 Call failed to do so and you issued a second order temporarily 21 suspending payments until it does comply. That tells me that in 22 spite of everything Total Call is still participating in the 23 Lifeline Program. What does the FCC have to do to stop paying 24 these companies? And what does the FCC have to do to kick them 25 out of the program?

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Mr. Wheeler. Thank you, Congressman. We have stopped to put them on notice that from May forward, they are not going to get paid. There are due process issues in here. They have rights. We have to make sure that those rights are followed, but we have, as of middle of June, end of June, I guess, put them on notice that we are not going to be funding.

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7 Mr. Long. Okay, because I know that on March 7th which 8 predates the middle of May, you were talking about, they were 9 clearly aware of pending enforcement action for defrauding the 10 program against them. Representatives of Total Call then met with Commission staff that discussed Total Call's development of 11 12 Lifeline broadband products. They stated their plans on rolling 13 out in California and eventually nationwide. What is the FCC 14 doing to get the ratepayers' money back?

15 Mr. Wheeler. So we have, as I have said, we have told them 16 we will not fund going forward and we have levied a \$57 million 17 action against them.

18 Mr. Long. Okay. Thank you. Commissioner Rosenworcel --19 Mr. Wheeler. \$51 million, I am sorry. \$51 million. 20 Mr. Long. I thought that is what he said the first time. 21 Commissioner Rosenworcel, the chairman has testified that 2.2 the FCC is looking at the burdens placed on providers in order to make it easier for carriers to participate in the Lifeline 23 Program. Given the near decade of waste, fraud, and abuse reached 24 25 over \$1 billion by the chairman's estimate and with the recent

enforcement action demonstrating that it continues, wouldn't it be fair for the American consumers and businesses that pay the bills to make it more difficult to ensure that these companies are going to play by the rules? Hasn't the FCC learned anything?

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5 Ms. Rosenworcel. Listen, I appreciate the question. Ι think that Lifeline is an essential program. You don't have a 6 7 fair shot in the 21st century if you don't have modern 8 communications and frankly, I think that access to data has become 9 the dial tone of the digital age. We are trying to update this 10 program to reflect that and at the same time, get rid of waste, fraud, and abuse. And if we have bad actors, and companies that 11 12 abuse this program, we should throw the book at them. We should 13 fine them, and we should kick them out of the program.

Mr. Long. Okay, Thank you. Chairman Wheeler, if someone is using your credit card illegally and charging \$100 a month, let us say for a year when you discover and stop and stop those payments, do you consider that a savings or so when you stop finding illegal Lifeline subscribers, are they really saving American consumers and businesses that pay into the fund anything? Is there any savings there?

21 Mr. Wheeler. I know that his has been characterized that 22 way. I think the fact of the matter is, Congressman, that there 23 are many things to celebrate here. And that is that offenders 24 were caught. Offenders were prosecuted. And the offenses were 25 stopped and that there continues ongoing investigations both at

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1	the criminal level and at the civil level.
2	Mr. Long. Okay, thank you. Thank you for your testimony
3	today. I am going to yield back the remainder of my time and give
4	Mr. Collins the chair and his time seeing as we have a vote, so
5	hopefully we can adjourn instead of recessing and calling you all
6	back.
7	Mr. Wheeler. Thank you, Congressman. The patient Mr.
8	Collins.
9	Mr. Collins. [presiding] Thank you, and just in case,
10	chairman, could I get a note of missing a vote in case I do miss
11	it.
12	Mr. Wheeler. To whom it may concern?
13	Mr. Collins. Yes, give me a to whom it may concern just in
14	case I miss the vote. It is a motion to adjourn which is just
15	a procedural thing. It will vote 430 to 0, so if I do, I do.
16	And you know what, I don't have a question today on pirate
17	radio.
18	Mr. Wheeler. I was ready.
19	Mr. Collins. I knew you were ready.
20	Mr. Wheeler. I was ready. I want to tell you there is 91
21	actions that have been taken through May of this year on pirate
22	radio compared to 130 for all last year and it is now taking up
23	20 percent of our field force time. We listened to you
24	Mr. Collins. I will call that a success. If nothing else,
25	when you look at me you think pirate radio and when you sit at

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that spot at the end of the dais, you just have to pick the issue. 1 You can always know someone else won't ask about. 2 Mr. Wheeler. But the other part about it, yes, you do have 3 that certain image. But the other part about it is we weren't 4 just looking at you. We are trying to listen to you and be 5 responsive. 6 7 Mr. Collins. Well, no, Mr. O'Rielly even went and busted 8 somebody in Brooklyn. 9 Mr. O'Rielly. I appreciate the chairman's comment. 10 Mr. Collins. I wasn't even trying to bring up pirate radio. Actually, we all have the same issues and concerns. So let me 11 12 just maybe end this hearing today talking about one issue that 13 I think we would like some clarity on and that is the issue of 14 cell phones and the Telephone Consumer Protection Act. We always 15 know that that came up when we had landlines. Now we have cell 16 phones and the two in particular, one of them is I represent some 17 folks that do the student debt collections on the federal student 18 loans. And I know recently the FCC did come out and I think took 19 a step in clarifying that if someone is making a call on behalf 20 of the Federal Government, then the TCPA does not apply other than 21 the normal rules surrounding any call. 22 And the debt collection people just wanted me to ask you, chairman, kind of a yes or no, that if they are making phone calls 23 collecting on student debt, they would like clarity that the TCPA 24

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does not apply to them.

Mr. Wheeler. That is not what we said. We said the TCPA 1 2 applies in that there are rules inside that. So the Congress, 3 you all passed the statute saying that federal debt collection should be allowed under TCPA. Then we said that there are several 4 5 tests here under that. So for instance, is that the debt needs to be delinquent. Okay? 6 7 Mr. Collins. Okay, yes. 8 Mr. Wheeler. That there should be a limit on the number of 9 calls that can be made a month. 10 Mr. Collins. Is there just a reasonable test on that? 11 Mr. Wheeler. No, it is three calls a month. That there 12 ought to be a right to request the consumer to say stop. That 13 is at the core of the TCPA, that I have got the right to say I 14 don't want to harassed and if the consumer wants to say please 15 don't be making these calls any more, that is at the core of TCPA. 16 Mr. Collins. If they were delinquent. They abided by the 17 three calls and the consumer had not asked to stop and they make 18 a phone call, then they are fine. 19 Mr. Wheeler. Yes, sir. 20 Mr. Collins. That is good. 21 Mr. Wheeler. There is a fourth component. 2.2 Mr. Collins. Okay. 23 Mr. Wheeler. To be clear, which is a limit on the number 24 of calls you make to a wrong number or to a reassigned number, but it is also a rational kind of a test. 25

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1	Mr. O'Rielly. I will just say I think the chairman is
2	talking about the one preceding, where it is responding to the
3	act that Congress initiated in the budget piece. But we just
4	recently issued and released an item on Broadnet that I think
5	answers this particular issue because it gets to the point of
6	whether the Federal Government is covered by TCPA and those
7	collectors who are doing it on behalf of the Federal Government
8	would not be covered and therefore we clarified that. So I think
9	he is talking about the one item which we are going to clarify
10	later this summer at some point, but I think it has been clarified
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12	Mr. Wheeler. I didn't understand your question to be about
13	robocalls or about teletownhall. I thought it was about debt
14	collection.
15	Mr. Collins. Debt collection on federal student loans.
16	Mr. Wheeler. Yes, which is what we just laid out.
17	Mr. Collins. The four steps.
18	Mr. Wheeler. Yes, sir.
19	Mr. Collins. And again, just so I can be clear to my folks
20	who may be watching this because they were actually saying they
21	were afraid to make some phone calls because they would then be
22	having a complaint, potential fines against them and they weren't
23	they were looking for some clarity, so again, if the loan is
24	delinquent, they limit themselves to three phone calls. The
25	consumer hasn't asked to stop and what was the last one?

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Mr. Wheeler. And only for debt collection and wrong numbers and reassigned numbers.

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Mr. Collins. Then they are not subject to the TCPA. Mr. Wheeler. That is what we are proposing.

5 Mr. Collins. The last issue is and the confusion again on the cell phone piece and the TCPA implied consent versus actual 6 7 consent. So a consumer now fills out an application or registers 8 on some website and one of the questions is can we have your cell 9 phone number and they fill in the cell phone number. So some 10 people are saying that is implied consent. You gave me your cell phone number, so I can call you. Others would say that no, maybe 11 12 we should have an affirmative box they have to check, I hereby 13 authorize you to call me.

And I know the FCC is looking into that and that is one of those things that right now is a little bit of a quagmire. I can't believe we are nuancing that, well, you filled it in, but you didn't check a box.

18 So really the question here is I am assuming that is an issue 19 that the FCC is going to continue to work on and I just wondered 20 if there is any time frame where that might be clarified?

21 Mr. Wheeler. The threshold of the statute was to give the 22 consumer control and the question then becomes what is control? 23 And yes, sir, we are working on that issue.

24 Mr. Collins. Very good. I am sure I did miss my vote, so 25 if I could get that get out of jail free excuse from you when I

leave.

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2 I want to thank you all for coming. You know, I am not sure how often we will get the five of you back in this room because 3 4 we have such a limited schedule, but if by some chance we don't, 5 I want to as a new member of this committee thank you for our opportunity, mine personally, the last year and a half, this 6 7 Congress, to interact with you. So the hearing of the Subcommittee on Communications and Technology is now adjourned. 8 9 And I would like remind members that they have 10 days to submit questions for the record. 10

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[Whereupon, at 1:34 p.m., the Subcommittee was adjourned.]