

FEDERAL COMMUNICATIONS COMMISSION

+ + + + +

ADVISORY COMMITTEE ON DIVERSITY FOR  
COMMUNICATIONS IN THE DIGITAL AGE

+ + + + +

TUESDAY, SEPTEMBER 21, 2010

+ + + + +

The meeting convened in the FCC Meeting Room at 445 12th Street, SW, Washington, DC, at 2:00 p.m., Henry Rivera, Chairman, presiding.

COMMITTEE MEMBERS PRESENT:

HENRY RIVERA, Chairman

JENNY ALONZO

TONI COOK BUSH

ALAN DAVIDSON\*

RALPH EVERETT\*

DAVID HONIG

RONALD JOHNSON

JANE MAGO

JOAN MARSH

ROBERT MENDEZ

ANDREW SCHWARTZMAN

DIANE SUTTER

CHARLES WARFIELD

JAMES WINSTON

FCC COMMISSIONERS PRESENT:

MIGNON CLYBURN

MICHAEL COPPS

FCC STAFF PRESENT:

JAMILA BESS-JOHNSON, Deputy Federal Officer

BARBARA KREISMAN, Designated Federal Officer

CAROLYN FLEMING-WILLIAMS, Deputy Federal  
Officer\*

ELOISE GORE, Associate Bureau Chief, Media  
Bureau

THOMAS REED, Director, Office of  
Communications and Business Opportunities

ALSO PRESENT:

JAMES ASSEY, NCTA\*

ALONZO BARBER, BET Holdings, Inc.\*

LEONIE CAMPBELL-WILLIAMS, Asian American  
Justice Center\*

RAYMOND GUTIERREZ, Showtime\*

ANNE LUCEY, CBS

SASCHA MEINRATH, Director, Open Technology  
Institute, New America Foundation

SUSAN PATRICK, Patrick Communications

LORETTA POLK, NCTA\*

SYLVIA STROBEL, Alliance for Women in Media

LORIS ANN TAYLOR, Native Public Media\*

\*Participating via teleconference

C-O-N-T-E-N-T-S

OPENING . . . . . 4  
Barbara Kreisman, FCC Designated  
Federal Official

INTRODUCTION & AGENDA REVIEW. . . . . 5  
Henry Rivera, Chairman, Diversity  
Advisory Committee

WORKING GROUP REPORTS/RECOMMENDATIONS

MEDIA ISSUES. . . . . 11  
Diane Sutter, Chairman

CONSTITUTIONAL ISSUES . . . . . 14  
David Honig, Chairman

TELECOM AND BROADBAND ISSUES. . . . . 24  
Toni Bush, Chairman

OFFICE OF COMMUNICATIONS

BUSINESS OPPORTUNITIES. . . . . 32  
Thomas Reed, Chief

PRESENTATION:

Adoption and Use of Broadband and New Media

Technologies on Tribal Lands. . . . . 53  
Loris Ann Taylor, Executive  
Director, Native Public Media

Sascha Meinrath, Director, Open  
Technology Institute, New America  
Foundation

NEW BUSINESS. . . . . 81  
Henry Rivera

ADJOURNMENT . . . . . 82  
Henry Rivera

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22

P-R-O-C-E-E-D-I-N-G-S

2:05 p.m.

MS. KREISMAN: Good afternoon,  
members, Chairman Rivera, Commissioner  
Clyburn.

Welcome to the fall meeting of the  
Advisory Committee for Diversity in a Digital  
Age. Thank you for taking time from your busy  
schedules and the beautiful weather. I know  
we should be outside, sorry.

(Laughter.)

And thank you, guys who are on the  
telephone.

You all have a packet of  
information in front of you. Sorry, I didn't  
include pencils.

Everything's been emailed already,  
so nothing should be not familiar except for  
this big, lovely-looking book that was brought  
on new media technology and internet use in  
the Indian country. But I did email the  
contents to all of you guys on the phone.

1           You also have today's agenda and a  
2           proposal from the Broadband and Telecom  
3           Subcommittee and a report from the Media  
4           Issues Subcommittee. And others also copied  
5           some slides from the other presentation.

6           We're coming toward the end of the  
7           charter. This is our -- I guess one more  
8           meeting to go after this one.

9           I was just looking at all the many  
10          recommendations, and they have been  
11          extraordinarily thoughtful, and many of them  
12          are under consideration now.

13          And with that, I will turn  
14          everything over to our distinguished chair,  
15          Henry Rivera.

16          CHAIRMAN RIVERA: Thank you,  
17          Barbara.

18          Let me add my welcome to all of  
19          you who are here present and all of you on the  
20          telephone. We're very, very happy that you're  
21          here.

22          We'll all very happy that

1 Commissioner Clyburn has taken time out of her  
2 very busy schedule to be with us today, and  
3 she has a few words of wisdom to address to  
4 the group.

5 So, Commissioner?

6 COMMISSIONER CLYBURN: Thank you,  
7 Henry. You just put a lot of pressure on me.  
8 I appreciate it.

9 (Laughter.)

10 Chairman Rivera and members of the  
11 Committee, good afternoon. During your summer  
12 meeting, I asked for insight on ways that this  
13 Commission could improve its spectrum  
14 divestiture procedures.

15 I strongly believe that this  
16 agency should work with the Department of  
17 Justice on providing clearer information about  
18 specific steps divesting entities can take to  
19 encourage new entrants and small businesses to  
20 acquire a commission order to sales of assets.

21 I appreciate the efforts of Toni  
22 Cook Bush and the other committee members of

1 the Telecom Broadband Issues Subcommittee in  
2 quickly arriving at two recommendations that  
3 support this effort.

4 The suggestion that the Commission  
5 uses websites and other resources to better  
6 inform the public about spectrum divestitures  
7 is particularly timely. Earlier this month,  
8 the Agency announced that it had developed a  
9 new set of online applications to unlock FCC  
10 data and drive innovation.

11 We should leverage those technical  
12 improvements to provide clearer information  
13 about mandated divestitures that result from  
14 the review of pending license transfer  
15 applications.

16 I also agree that the FCC should  
17 consider hosting workshops to educate small  
18 businesses and other entities interested in  
19 these divestitures on the application process  
20 and on the relevant guidelines from the  
21 Department of Justice. This would be similar  
22 to the seminars that the FCC used to host with

1 regard to spectrum auctions until as recently  
2 as last year.

3           Lastly, I am optimistic that the  
4 Chairman will renew the Diversity Committee's  
5 charter after December, and I'm looking  
6 forward to receiving other recommendations on  
7 how this agency can promote greater  
8 participation of women and minorities in  
9 communications businesses.

10           Thank you, Mr. Chairman, and  
11 members of the Committee, for allowing me to  
12 join you this afternoon.

13           CHAIRMAN RIVERA: Thank you,  
14 Commissioner. They were words of wisdom.

15           And thank you, Toni, for hopping  
16 right on that, the way you and your committee  
17 did really good work. We really appreciate  
18 it.

19           So I'd like to welcome Mr.  
20 Grimaldi to the FCC. It's the Commissioner's  
21 new Chief of Staff who comes to us from the  
22 Hill, so we're glad you're here.

1                   COMMISSIONER CLYBURN:  He's about  
2                   a day and a half old.

3                   CHAIRMAN RIVERA:  That's right,  
4                   day and a half old.  Welcome.

5                   All right.  We're going to, as you  
6                   heard, this -- depending on whether we're  
7                   renewed, the Commissioner's optimistic that we  
8                   will be, but as of right now, this is our --  
9                   probably our second-to-the-last meeting.

10                  As Barbara indicated, the charter  
11                  expires on December 2nd.  We will have our  
12                  last meeting on December 2nd.

13                  Now, having said that, there is a  
14                  recommendation that David Honig will be  
15                  talking about in his report that may be ripe  
16                  for our consideration between now and December  
17                  2nd.

18                  And if that's the case, I will try  
19                  to call a meeting of this advisory committee  
20                  to deal with that issue.  It would be  
21                  hopefully a relatively short meeting, but the  
22                  recommendation is of such moment that I think

1 it does require our action.

2 I was hoping that it would be  
3 ready by the time that we convened today, but  
4 it unfortunately, it is not. So, just watch  
5 your email and we'll let you know about  
6 whether we have to call a special meeting.

7 So, with that, I will go ahead and  
8 ask -- oh, phone. Oh, yes, who's on the  
9 phone? Who's on the phone? Can you identify  
10 yourself so that we can keep the minutes  
11 properly?

12 MS. KREISMAN: Is the phone line  
13 open, guys, in the audio?

14 CHAIRMAN RIVERA: It's open, they  
15 say.

16 MS. KREISMAN: Okay.

17 CHAIRMAN RIVERA: Anyone on the  
18 phone, can you identify yourselves? Maybe  
19 there's no one on the phone.

20 MS. KREISMAN: Well, a whole bunch  
21 of people are supposed to be on the phone, so  
22 you make sure we've got the right line open.

1 CHAIRMAN RIVERA: Apparently.

2 Well, we'll come back to that, okay?

3 MS. KREISMAN: Okay. That's fine.

4 CHAIRMAN RIVERA: Diane, you're  
5 up.

6 MS. SUTTER: Thank you. The Media  
7 Issues Subcommittee, as you know, has a number  
8 of task forces which have been working  
9 throughout this entire time to be able to, not  
10 only make recommendations, but to try to  
11 assist the Commission in implementing them.

12 And as such, we have worked with  
13 Tom Reed and his organization to try and aid  
14 with the website when it comes to information,  
15 and we're still pursuing that. But we have a  
16 specific update that you'll see in your packet  
17 that we have been working with Barbara and the  
18 Media Division as well as with Tom.

19 We are scheduling and hope to  
20 schedule, let's put it that way, an EEO forum  
21 that will be held in February. We are looking  
22 at the dates of February 16th and 17th.

1           In order to be able to make this  
2           as effective as possible, we would like to  
3           enlist the resources of all the members of  
4           this committee to provide names of  
5           organizations and programs that you know of  
6           that have been successful in their efforts.

7           We hope this to be a best  
8           practices opportunity for people to learn what  
9           has been going on, what has been done, and how  
10          we can implement those things at broadcast  
11          facilities and other entities that are under  
12          the Commission's jurisdiction.

13          So we are going to -- whether  
14          we're re-chartered or not, Barbara, we will  
15          still be committed to helping, and working  
16          with the Commission to make that happen.

17          So if you have a program, a  
18          particular success story you know of, if you  
19          could email that information to Barbara, then  
20          we will work with her and the task force. And  
21          the Media Issues Subcommittee, entirely, we  
22          will try and help to make that as effective as

1 possible.

2 So, I think that we've got some  
3 dates picked, and we're ready to move forward  
4 as a good positive step. So, thank you.

5 MS. KREISMAN: Audio staff up  
6 there, apparently, everyone on the phone can  
7 hear us, but we can't hear them, so can you  
8 fix that?

9 All of you on the phone, hang in  
10 there.

11 (Laughter.)

12 Okay. Sorry. All right.

13 CHAIRMAN RIVERA: Thank you,  
14 Diane. That sounds like a very worthwhile  
15 initiative and I do hope that all of you  
16 around the table and on the phone who heard  
17 Diane's plea for information and data will  
18 heed that request and get her that  
19 information, because it will be very useful  
20 for the forum.

21 All right. Any questions for  
22 Diane?

1                   No? All right.

2                   David?

3                   MR. HONIG: Thank you, Mr.  
4 Chairman.

5                   This is an interim report on the  
6 conclusion of a long journey by the  
7 Constitutional Issues Subcommittee to try to  
8 find a way that is both consistent with 14th  
9 Amendment principles and with the  
10 Administrative Procedure Act to develop a  
11 methodology that would enable the Commission  
12 to reach a broader, enhanced pool of  
13 applicants for Commission authorizations,  
14 whether they're non-competitively awarded or  
15 competitively awarded as in auctions.

16                   In 2008, this body unanimously  
17 approved two resolutions, one relating to the  
18 so-called Adarand process. We'll be starting  
19 and updating studies released by the  
20 Commission in 2000, which are necessary to be  
21 done in case it should prove as a last  
22 resource necessary to have race-conscious

1 measures that would withstand constitutional  
2 scrutiny.

3 The second resolution, which was  
4 then updated in 2009, was to adopt a system of  
5 what's called full file review when it's used  
6 in the education context, a means by which a  
7 broad pool of applicants representing a  
8 variety of attributes, or having a variety of  
9 attributes predictive of success in these  
10 businesses, could be chosen in a way which  
11 would be somewhat less dilute in its impact on  
12 racial diversity and gender diversity than,  
13 for example, the small business preference,  
14 the default standard in use now in  
15 broadcasting, might be.

16 Full file review, while useful in  
17 universities with a great many potential  
18 applicants for a great many slots, is well-  
19 suited but not perfectly suited to use in the  
20 communications context, where there are fewer  
21 applicants, fewer slots, and also the overhang  
22 of the Administrative Procedure Act standards,

1 which disappointed applicants often invoke  
2 when trying to find some way to get to  
3 overturn a losing result.

4           And consequently, looking at this,  
5 MMTC undertook to engage a firm that has  
6 expertise in looking at these kinds of issues,  
7 Covington & Burling, John Blake's team, to  
8 look at the full file review recommendations  
9 and see whether they could be sharpened in  
10 some way, narrowed more precisely to a  
11 definition of what attributes might be  
12 regarded by the Commission as helpful to it in  
13 developing applicants which are not only  
14 diverse but whose attributes, when selected,  
15 would be most predictive of success in these  
16 businesses.

17           And what that process has come up  
18 with, and it's now being vetted with the  
19 General Counsel's Office, and we hope to vet  
20 it with the Commissioners before presenting it  
21 to this body, is a new preference which would  
22 go alongside the small business and rural

1 TelCo preferences in place for respectively  
2 for broadcasting and for telecom auctions.

3 And it would be called something  
4 like, we haven't settled on a proposed name,  
5 something like the Overcoming Disadvantages  
6 Preference, the emphasis being that overcoming  
7 means that an individual -- and these would be  
8 individualized determinations, not a  
9 presumptive entitlement based on membership in  
10 a group, but something that each person would  
11 have to document, that they experienced a  
12 disadvantage that was substantial, but through  
13 dint of effort, predictive of success here,  
14 and mettle, overcame it, even if they did not  
15 overcome it completely.

16 In fact, it might be best suited  
17 for those who made great efforts, overcame it  
18 partially, and just need the Commission to  
19 help them overcome it completely, as opposed  
20 to those who have in fact overcome it  
21 completely, don't need help, or those who made  
22 no efforts to overcome it and thus wouldn't be

1 predictive of success.

2           What this would do would be to  
3 produce a pool which is diverse, diversity in  
4 terms of viewpoints being important in  
5 broadcasting, at least, which would be highly  
6 qualified, who would be ensured a fair  
7 opportunity, and where expanded participation  
8 in competition would be the result.

9           The disadvantages themselves could  
10 be any disadvantage which is substantial, such  
11 as those experienced through, of course, race  
12 and gender discrimination, and access to  
13 capital that sometimes is inhibited by that,  
14 as well as experiences as a veteran or through  
15 poverty or through any number of other  
16 experiences that can be specifically  
17 identified as substantially inhibiting a  
18 person's ability to take advantage of their  
19 inherent attributes and provide service with  
20 use of Commission-regulated assets.

21           One recommendation that this body  
22 made which we will present again is that there

1 be some procedure for pre-qualification, in  
2 effect, a coin which would be in the nature of  
3 a rebuttable presumption of entitlement to  
4 this preference, rebutted later through other  
5 evidence in petitions to deny, for example, in  
6 the auction process, which a person could get  
7 and then renew every year, and use that as a  
8 way of accessing capital, being able to go to  
9 banks and investors and say that they've been  
10 at least tentatively qualified with this  
11 attribute which has some inherent value, and  
12 use that as a way to help get -- overcome  
13 capital access barriers with which we're all  
14 familiar.

15 We believe that this new  
16 preference generally outlined in the  
17 presentation that we're going to be making in.  
18 I hope, perhaps, a special meeting, and  
19 documented with a memorandum of law, will  
20 satisfy both the equal protection concerns  
21 which have to be satisfied meticulously to  
22 overcome any 14th Amendment challenge, as well

1 as the arbitrary and capricious standard in  
2 the Administrative Procedure Act.

3 CHAIRMAN RIVERA: Thank you,  
4 David.

5 Do you want to make an  
6 announcement about the phone call?

7 MS. KREISMAN: Yes. We're going  
8 to take just a few minutes break so that the  
9 people on the phone can re-dial in.

10 Here's what it is. Apparently, we  
11 were assigned, inadvertently, a listen-only  
12 bridge, so this is what you have to do on the  
13 phone. You have to dial this number. Are you  
14 ready?

15 1-866-808-8519. I'll repeat that.  
16 1-866-808-8519. And here's your code, 309-  
17 3784. Code number, 309-3784. One more time,  
18 1-866-808-8519. Code, 309-3784.

19 We'll pause for a few minutes so  
20 you can get out and then get back in, and then  
21 we'll find out who is out there.

22 Thank you, and I'm sorry for this

1 inconvenience.

2 (Whereupon, the above-entitled  
3 matter went off the record at 2:21 p.m. and  
4 resumed at 2:22 p.m.)

5 MS. KREISMAN: Okay. Hi, guys.  
6 There, now you can talk. Who's there?

7 MR. EVERETT: Ralph --

8 MR. WARFIELD: Charlie Warfield.

9 MS. KREISMAN: Charles, Charles  
10 Warfield?

11 MS. PATRICK: Susan Patrick.

12 MS. KREISMAN: Okay.

13 MR. EVERETT: Ralph Everett.

14 MS. TAYLOR: Loris Taylor.

15 MR. BARBER: Alonzo Barber.

16 MR. ASSEY: James Assey, NCTA.

17 MR. GUTIERREZ: Ray Gutierrez,  
18 Showtime works.

19 MS. POLK: Loretta Polk, NCTA.

20 MR. DAVIDSON: Alan Davidson,  
21 Google.

22 MR. EVERETT: Ralph Everett, Joint

1 Center.

2 MS. CAMPBELL-WILLIAMS: Leonie  
3 Campbell-Williams, Asian-American Justice  
4 Center.

5 MS. FLEMING-WILLIAMS: Carolyn  
6 Fleming-Williams, OCBO.

7 MS. KREISMAN: Anybody else?  
8 Thanks guys, I knew you were out there.

9 CHAIRMAN RIVERA: Okay, well,  
10 David, thank you for that report.

11 You will notice that we are  
12 proceeding a little differently than we  
13 normally proceed, because of the significance  
14 of this particular recommendation.

15 We started basically with the  
16 General Counsel's Office, and now, once the  
17 General Counsel is satisfied that this thing  
18 is going to be constitutionally sound, then we  
19 will take it to the Commissioners, we will  
20 brief them.

21 And then we'll bring it back to  
22 you and let you know what the status is, what

1 kind of feedback we've gotten, and see what  
2 you all think about it.

3 And hopefully you will find it  
4 acceptable and then we will make the  
5 recommendation to the Commission that way.

6 Jonathan Blake briefed us at the  
7 last meeting. For those of you who were here,  
8 you may remember that.

9 He and his team have been working  
10 extremely hard. They've been devoting a  
11 tremendous amount of time to this and for  
12 that, we are very, very grateful. It is all  
13 pro bono time, and it is all very, very high-  
14 quality work.

15 And they've been having a lot of  
16 back and forth with the General Counsel in  
17 tweaking this thing, and I think it's going to  
18 be a real solid recommendation when we bring  
19 it to you.

20 So are there any questions about  
21 that, or David?

22 All right. Well, stay tuned. I

1 think it has a possibility to be a very  
2 exciting recommendation, and as I said, one  
3 with a great deal of merit.

4 So, Toni, you're up.

5 MS. BUSH: Well, thank you very  
6 much.

7 And thank you very much,  
8 Commissioner Clyburn for bringing to our  
9 attention at the last meeting a very important  
10 issue, which is ensuring that minorities,  
11 women, small businesses, have access to  
12 properties that are divested when companies  
13 are required to enter into divestitures,  
14 either by the FCC through the rules and  
15 regulations or by the Department of Justice.

16 And so when our committee met, our  
17 goal was to come up with some suggestions that  
18 the FCC could implement without conducting a  
19 rule-making, that could be implemented quickly  
20 and efficiently.

21 And as the Commissioner mentioned,  
22 we have two recommendations contained in one

1 recommendation, which is essentially that the  
2 Commission, when there are mandated  
3 divestitures, make that information available  
4 on our website and on the newly-constituted  
5 website, so that members of the public have  
6 information about the availability of whether  
7 it's television, radio, telephone licenses,  
8 whatever assets may be coming available, but  
9 in addition, that the FCC do what it does in  
10 other contexts, which is to provide  
11 educational opportunities for members of the  
12 public to understand what the process for  
13 acquiring those licenses, what the criteria  
14 are, as well as what the criteria are at the  
15 Department of Justice.

16           And I know that the FCC has also  
17 been talking to the Department of Justice  
18 about making that, simplifying that process,  
19 and making it clearer.

20           And so that is the recommendation  
21 of the Committee. Everybody has it. I don't  
22 think -- I don't need to read it, do I.

1       Everybody has it in their packet, and so if --  
2       I don't know if anybody has anything they want  
3       to add, or any discussion?

4                   CHAIRMAN RIVERA:   Well, the Chair  
5       will take that as a motion.  Is there a second  
6       so we can get it on the floor?

7                   Second, all right.

8                   Any questions of Toni?  Yes, Jim.

9                   MR. WINSTON:   Well, Toni, well, I  
10       wanted to commend the Commissioner for moving  
11       this process forward on this important issue.

12                   And I was just wondering, this is  
13       a good first step, because it's something that  
14       we can do very simply and easily.  As you  
15       said, something else might be more  
16       complicated.

17                   Are there -- are there thoughts  
18       about taking this to another step in terms of,  
19       for example, one of the problems we've had in  
20       previous divestitures is that the Commission's  
21       objectives and the Department of Justice's  
22       objectives have sometimes been in conflict.

1 And I was just wondering, is there going to be  
2 a formal process of discussing these issues  
3 with DOJ in some fashion?

4 MS. BUSH: It's my understanding  
5 -- I'm going to turn it over to the  
6 Commissioner, because it's my understanding  
7 that she is engaging in discussions.

8 COMMISSIONER CLYBURN: Right. At  
9 our last Commission meeting, we did announce  
10 a memorandum of understanding, so to speak,  
11 between the Department of Justice. And there  
12 are persons assigned to do just that, to make  
13 sure that the objectives are not out of synch,  
14 as you pointed out.

15 And I want to thank you because of  
16 -- mainly because of some of the experiences  
17 that you alluded to, that's what alerted our  
18 office and the agency of the uncomfortable  
19 disconnect with that, so the offices are  
20 committed to working better together to make  
21 sure that the objectives, everything is more  
22 harmonized.

1                   So, yes, there is a definite  
2 working -- more of a MOU, I don't want to say  
3 a formal, how formal it is, but there  
4 definitely is a process that is in motion that  
5 I think you will all -- that will, again, in  
6 spirit and in practice, incorporate all of the  
7 positives that I know can come from this  
8 harmonization.

9                   CHAIRMAN RIVERA: Thank you,  
10 Commissioner.

11                   Jane?

12                   MS. MAGO: May I suggest a point  
13 of clarification on this, just in terms of the  
14 way that the memorandum is worded?

15                   It talks about a mandated  
16 divestiture, and this is -- you're  
17 contemplating this is in the context of a  
18 merger.

19                   At what point in that process?  
20 Could it be done earlier in the process, or  
21 does there have to be an actual order that  
22 would come about? Just in terms of expedition

1 and speeding things up, where that comes in  
2 the process can make a difference.

3 MS. BUSH: Well, it wasn't our  
4 view to take a position on that. We would  
5 encourage the Commission to make that  
6 information as available as early in the  
7 process as possible, and I guess we could  
8 actually -- Jane, that's a really good point,  
9 maybe modify, take out the word mandated, and  
10 just say, divestitures, because there could be  
11 voluntary divestitures.

12 MS. MAGO: I think that would be  
13 --

14 MS. BUSH: I think it's -- we  
15 didn't want to be too technical, because, you  
16 know, it's really up to the FCC as to what the  
17 appropriate time period is, depending on what  
18 the transaction is.

19 So, maybe I could -- you could  
20 move that we amend it, to delete the word  
21 mandatory, and just say, it could be just  
22 divestitures, I think.

1 MS. MAGO: I think that would be a  
2 good clarification.

3 CHAIRMAN RIVERA: All right. Toni  
4 sees that as a friendly amendment, so we don't  
5 need to vote on it. All right.

6 Any other questions?

7 MS. SUTTER: Just in line with  
8 that, the timing gets to be important, as Jane  
9 brought up, because for getting potential  
10 funding, for being able to put a business plan  
11 together, the sooner that someone can be made  
12 aware that we can get this information out,  
13 the more likely that we can have a successful  
14 opportunity for women and minorities to be  
15 able to be considered in a way that perhaps  
16 they wouldn't have been otherwise.

17 So it gets to be very important,  
18 because there is a process by which you have  
19 to go through to get your funding, to put  
20 together a business plan, and all of those  
21 things mean that you need to have that  
22 understood early on. So I think that's a very

1 important piece of that.

2 CHAIRMAN RIVERA: Any other  
3 questions, points?

4 Well, that was a great amendment,  
5 and I think this is a great recommendation.  
6 It, I think, can mean that we will have more  
7 minorities involved in this process, at least,  
8 if not in actuality owning these things.

9 Commissioner, thank you so much  
10 for taking this cause up. This is really  
11 great.

12 So, are you ready to vote? All in  
13 favor, say aye.

14 (Chorus of ayes.)

15 CHAIRMAN RIVERA: Opposed? Same  
16 sign, motion carries. Thank you very much.

17 It's my great pleasure to  
18 introduce Congresswoman Waters who has joined  
19 us.

20 She has long been interested in  
21 things that concern this Committee, and she  
22 said she wanted to come down and see what we

1 did here.

2 So, Congresswoman, thank you so  
3 much for coming. We're delighted to have you.

4 CONGRESSWOMAN WATERS: I'm just  
5 observing. Thank you.

6 CHAIRMAN RIVERA: Thank you. All  
7 right. Well, we're very glad you're here.

8 All right. Tom, thank you for  
9 taking time out of your busy schedule to be  
10 with us. We really appreciate your being here  
11 and all the work that you and your group are  
12 doing. So, with that, I'll turn the floor  
13 over to you.

14 MR. REED: Thank you, Mr.  
15 Chairman.

16 Good afternoon, everybody. I just  
17 want to take a few minutes to give a brief  
18 report on developments in our agency since  
19 this body last met.

20 First, I think one important  
21 development is that we convened earlier this  
22 month an agency-wide diversity task force.

1 The Chairman's Office gave authority for us to  
2 convene that group.

3 The agency-wide diversity task  
4 force -- and I understand it's been many,  
5 many years since there's been an agency-wide  
6 diversity task force -- I think provides the  
7 kind of structure that we need, particularly  
8 for OCBO, for our mission, be able to reach  
9 into and get representatives from the various  
10 bureaus and offices who are committed to the  
11 initiatives that we support.

12 And also, as we vet  
13 recommendations from this group and from  
14 others that are related to a diversity agenda,  
15 it makes that process that much more  
16 expeditious.

17 So we're really excited about  
18 having had that group convene. And I just  
19 wanted to let you know that that structure's  
20 in place.

21 And I think we're looking forward  
22 to working even more closely with the

1 diversity task force as we examine the  
2 initiatives and recommendations that are  
3 coming, both through our office and without.

4 Another issue I wanted to update  
5 you on are the participation studies that OCBO  
6 is working to coordinate. We had been hopeful  
7 -- we are selecting a working group to start  
8 examining the issues of participation studies  
9 that the FCC should be looking at.

10 We were hopeful that we would be  
11 able to convene that group in the fall, but  
12 given funding issues and coordinating  
13 schedules for the various academics that we're  
14 looking, I think that time frame, more  
15 realistically, is going to be more towards the  
16 beginning of 2011. So I will update this  
17 group as we make progress on that front.

18 Obviously, that's, as we look at participation  
19 studies, that's sort of the life blood of  
20 initiatives and recommendations going forward  
21 related to diversity to make sure that the  
22 actions that we take are data-driven, so, as

1 we have more specifics about when that group  
2 will convene, I'll certainly report back.

3 I wanted to let you know as well,  
4 I think, the OCBO is working on doing a more  
5 comprehensive report on fiscal 2010 Advisory  
6 Committee recommendations to let you know what  
7 the status is, where we are on each of those  
8 recommendations.

9 We're working on that now, and we  
10 anticipate that we'll be able to report back  
11 with input from the diversity task force and  
12 the Chairman's Office, we're hopeful we'll be  
13 able to report back to this group before the  
14 end of October more fully on the status of all  
15 of the recommendations that have come out of  
16 the Committee in the last year.

17 CHAIRMAN RIVERA: We really look  
18 forward to that. Thank you so much.

19 MR. REED: Sure. October 5th,  
20 we're going to be meeting with MMTC. David  
21 and I have sort of -- we both have fairly  
22 crazy schedules, so we were trying to get this

1 meeting in a lot sooner, but between mine and  
2 his schedules, it's been very difficult. But  
3 October 5th, we're going to be sitting down.

4 OCBO has at least completed its  
5 initial review of the recommendations that  
6 have come through MMTC. We are seeking input  
7 from the Chairman's Office as well as  
8 Diversity Task Force, and we are anticipating  
9 that we'll be able to share some of the  
10 results of our deliberations with MMTC on the  
11 5th.

12 And actually, Henry, we can  
13 probably talk about how we can fold in our  
14 report on some of those recommendations in the  
15 same report to the advisory committee at the  
16 end of the month.

17 CHAIRMAN RIVERA: Yes, that would  
18 be very helpful.

19 MR. REED: So, I just wanted to  
20 let everybody know, November 12th is our solid  
21 date for our capital formation strategies  
22 workshop. We're continuing just as

1 we did last year. We've invited a number of  
2 private sector, private equity representatives  
3 to come and talk about the state of the  
4 market.

5 We're also inviting NTIA and RUS  
6 to come in and talk about sort of best  
7 practices after BTOP and BIP. I know that's an  
8 issue in our travels that has been sort of a  
9 hot-button issue in terms of the ability for  
10 small businesses to participate in that  
11 process, some of the difficulties that they've  
12 encountered with the grant application  
13 process.

14 So we're looking forward to having  
15 NTIA and RUS hopefully be able to come in in  
16 that same workshop to talk to us about that  
17 and how, in the event that there are other  
18 opportunities that come up, you know, how we  
19 can better prepare smaller and diverse  
20 businesses for those opportunities.

21 CHAIRMAN RIVERA: Who will be  
22 invited to that workshop?

1 MR. REED: Who, in terms of the  
2 panelists?

3 CHAIRMAN RIVERA: No, in terms of  
4 the audience.

5 MR. REED: We are, as before, we  
6 have a -- almost anybody who is a telecom  
7 small business and other brick-and-mortar  
8 traditional businesses have come to that  
9 workshop. They came last year.

10 One of the features that we offer,  
11 which has been attractive to a lot of -- I  
12 mean, there have been broadcasters that have  
13 come. We've really run the gamut in terms of  
14 the types of businesses that have visited.

15 Primarily, one of the attractive  
16 features is that we have mentoring sessions --  
17 we did that last year. We will be doing it  
18 again this year, with one-on-one sessions  
19 after the panel discussions where small  
20 business owners and entrepreneurs can meet  
21 with private sector reps.

22 We have SBA that's there as well,

1 where they can discuss their business plans  
2 and their strategy, and to get a better idea,  
3 one, to walk away with a relationship.

4 We're very mindful and we sort of  
5 tell all of our participants that, you know,  
6 if you walk away with a term sheet, that's  
7 wonderful, but that's really not the  
8 expectation.

9 More importantly, it's designed to  
10 walk away with a relationship and a better  
11 understanding of how you have to present your  
12 business plan in order to attract financing.  
13 So --

14 CHAIRMAN RIVERA: Can you make  
15 sure that the members of the committee get an  
16 invitation, just in case they can come?

17 MR. REED: No, absolutely, I'll  
18 make sure that's circulated. So that's  
19 November 12th, but I'll make sure everybody  
20 gets that information.

21 And I think that once we confirm  
22 the panelists, hopefully in the first week of

1       October, we'll circulate that information as  
2       well.

3                 Another project we've been working  
4       on, as Diane alluded to, we've been working on  
5       our web redesign.

6                 And I'm certainly no web guru, so,  
7       you know, I'm always extremely optimistic  
8       about when those things will be fronted out,  
9       and then I have the expert to tell me  
10      otherwise.

11                But we were hoping to have -- to  
12      be able to launch our business networking  
13      website by the time -- and I'm still hopeful  
14      that we'll be able to launch this by the time  
15      of our workshop on the 12th, but right now  
16      we're working on funding and sourcing issues.  
17      So, stay tuned as far as that's concerned.

18                We're working with our Office of  
19      Managing Director and our new media team as  
20      that group is redesigning the agency's  
21      website, bureau to office, overall.

22                So we're sort of in the queue, to

1 make sure that that gets done. So we're  
2 pushing to make sure that our website gets put  
3 up as soon as possible. So again, I'll circle  
4 back and let you know as progress continues.

5 CHAIRMAN RIVERA: That's great  
6 news too.

7 MR. REED: Other than that, there  
8 have just been a couple of things that we're  
9 working on. We have -- just in the last  
10 month, we have been organizing meetings  
11 between minority business associations and  
12 public interest groups.

13 We've had two luncheons that we've  
14 organized in the last few weeks, which we're  
15 very excited about, these luncheons that we  
16 have leaders from.

17 Just this past week, I guess, we  
18 had a luncheon of African-American leaders who  
19 were able to meet directly with the Chairman.

20 Again, there were a number of  
21 leaders from public interest groups, consumer  
22 groups, and minority business groups.

1           The purpose of these meetings,  
2           one, is to help us to really hone the issues  
3           that are before the FCC on the subject of  
4           diversity, but also to figure out how we can  
5           work more collaboratively with these outside  
6           groups.

7           It's always been my position that  
8           the specialists are just as much outside the  
9           agency and actually more so as they are inside  
10          the agency, so understanding how, you know,  
11          the FCC does its job, and how we can do it  
12          more effectively from these groups, I think  
13          will inform the work of OCBO, certainly, the  
14          agency, absolutely, and also, of this group.

15          So we're looking forward to having  
16          a number of luncheons with the Chairman and  
17          for that very purpose, and having it on an  
18          ongoing basis.

19          So we were excited about the first  
20          two luncheons, and some of the issues that  
21          percolated from those luncheons, and we look  
22          forward to a number of luncheons going

1 forward.

2 So, that, outside, I don't know if  
3 I can tell you a little bit about our effort  
4 with SBA and SCORE. That's ongoing.

5 SCORE is still working on its  
6 mentoring workshops. SCORE is Service Corps  
7 of Retired Executives, for those of you who  
8 haven't been present for my prior reports on  
9 this. This is an initiative that came out of  
10 the national broadband plan.

11 We are coordinating with SBA and  
12 SCORE to really -- to make sure that that  
13 effort, training small businesses to adapt  
14 broadband, and how they should do it. What  
15 are the business applications for broadband  
16 adoption, and how they can maximize their  
17 market position by using that tool.

18 We've been working with SBA and  
19 SCORE on that, and we've also enlisted the  
20 help of a number of organizations, minority  
21 business organizations, that want a way in.  
22 And that's one of the things that we've been

1 doing this summer.

2           Some of the groups are, you know,  
3 there's NALCAB, which is the National  
4 Association of Latino Community Asset  
5 Builders, and we've worked with them on this  
6 issue, and they've consulted; NCAI, which is  
7 National Congress of American Indians; LISTA,  
8 which is the Latino Information Sciences  
9 Technology Association; National Black Chamber  
10 as well; Urban League, PUSH, LULAC, and a  
11 number of others that we've been working with  
12 this summer, as we make sure that the training  
13 that SCORE is offering to minority businesses  
14 addresses all of the issues that these groups  
15 are concerned about.

16           So, with that, I'll cede the  
17 Chair, that's what we've been up to.

18           CHAIRMAN RIVERA: Wow, you've been  
19 very busy. And again, thank you for that  
20 report.

21           Does anybody have any questions  
22 for Tom?

1 Diane?

2 MS. SUTTER: First, on the Agency-  
3 Wide Diversity Task Force list, is that  
4 something that could be shared with this group  
5 so that we would have an idea of who the  
6 contacts would be and know that?

7 MR. REED: I think so, sure. I  
8 can share that.

9 MS. SUTTER: Okay, thank you.  
10 Second, as you're preparing the October 5th  
11 report, which I think is going to be very  
12 welcomed by all of us, is there a likelihood  
13 that you would be coordinating with the three  
14 subcommittee chairs as it relates to the  
15 recommendations that came out of there?

16 MR. REED: The October 31st report?

17 MS. SUTTER: Yes.

18 MR. REED: Yes, I can.

19 MS. SUTTER: I just thought that  
20 might be useful and helpful --

21 MR. REED: Absolutely.

22 MS. SUTTER: -- for us if we each

1 kind of were able to have a conversation about  
2 those that came out of our various  
3 subcommittees.

4 MR. REED: Absolutely.

5 MS. SUTTER: And then the third  
6 thing is, on the capital formations workshop,  
7 the task force on acquisitions, funding  
8 acquisitions for the media issues subcommittee  
9 might be a good resource for you on that --

10 MR. REED: Yes.

11 MS. SUTTER: -- to be able to help  
12 provide speakers and presenters.

13 And we have all of the people that  
14 have been presenters over the now eleven years  
15 for the Broadcast Leadership Training Program  
16 that we vetted, and also, a number of others  
17 that some members of the task force themselves  
18 might know or be able to participate, so we'd  
19 like to offer our assistance on that.

20 MR. REED: We can talk about that  
21 today.

22 MS. SUTTER: Okay.

1 MR. REED: That's great. Those  
2 are easy.

3 MS. SUTTER: Thank you.

4 CHAIRMAN RIVERA: Great  
5 suggestions, Diane. Thank you.

6 Anybody else have anything for  
7 Tom? If not, thank you again. Wonderful  
8 report.

9 MR. REED: Thank you.

10 CHAIRMAN RIVERA: Commissioner  
11 Copps, would you like to say anything to the  
12 group?

13 COMMISSIONER COPPS: I came  
14 primarily to listen.

15 CHAIRMAN RIVERA: Come on up here.  
16 We've got a nice report coming that you might  
17 want to stay for. Thank you for being here,  
18 we appreciate it. Yes.

19 COMMISSIONER COPPS: I apologize.  
20 I think when I first heard about this I was  
21 supposed to be somewhere else, and I'm here,  
22 obviously, but I had forgotten about this, and

1 Josh just came upstairs and said the Diversity  
2 Committee is meeting downstairs, and I said,  
3 oh my God. So, here I am.

4 (Laughter.)

5 I apologize, but I gather there's  
6 a lot going on, and I'm encouraged by that,  
7 hearing about reports, and things like that,  
8 and I think that's good.

9 I just want to express my  
10 appreciation to this Committee, which has  
11 always been our most active and creative and  
12 helpful, and I appreciate the work you have  
13 all been doing.

14 I'm a fellow that's kind of  
15 possessed by a sense of urgency in a lot of  
16 matters that are pending before the Commission  
17 right now. We've got a lot of stuff teed up,  
18 we've got a lot of stuff to do.

19 This particular subject matter is  
20 one I spent a good bit of time on when I was  
21 Acting Chairman, trying to make sure we get  
22 started on the road of the Adarand studies so

1 we can do some long-term and comprehensive  
2 solutions to problems of female/minority  
3 ownership and all these other questions, and  
4 also try to move along the full file review.

5 I understand now maybe there's a  
6 son-of or daughter-of full file review coming  
7 along, and I'm anxious to hear about that.

8 And I hope it's good, and I hope it's  
9 something we can do soon, because the little  
10 window of opportunity that we have to do good  
11 things isn't going to stay open forever, and  
12 I don't want to be a year down the road and  
13 find us all circling the wagons that nothing  
14 can get done on this stuff.

15 This is really important. This  
16 has been lying -- well, not lying fallow, but  
17 it's just gone undecided here at the  
18 Commission for years and years and years, and  
19 decades.

20 So we've got to get going and get  
21 through with the Adarand studies and get those  
22 things done. And I'm still not clear in my

1 own mind exactly which of those studies we  
2 have to do, which we can do internally, which  
3 have to be contracted out, and all of that,  
4 but I think we don't have a moment to waste on  
5 that.

6 And then there are so many other  
7 issues. I appreciate all the recommendations  
8 that have come forward, and I hope we can move  
9 on those.

10 But, you know, so many of the big  
11 issues that are before this place right now  
12 concern the business of this particular  
13 committee, whether it's the open network, or  
14 the future of journalism, or the quadrennial  
15 review, or all of these things. And we're  
16 stretching you kind of thin, I guess, to get  
17 your input on all of these things, but it's  
18 absolutely -- absolutely necessary.

19 Another area -- maybe you've talked about it  
20 already -- where I want to see us become more  
21 active is on the Equal Employment Opportunity  
22 front. I think we have an opportunity to be

1 doing something there at long last, and I  
2 think we'd be remiss if we don't do that.

3 So, not only do I want to thank you  
4 for the work you've done, but I really want  
5 you to keep the pressure on all of us to keep  
6 moving forward and to try to harvest some of  
7 this while we can -- while we still can  
8 harvest. And I'm optimistic that we have the  
9 time to do that in the months ahead, but we  
10 really need to get moving on that.

11 And with that, I just will listen.  
12 Thank you.

13 CHAIRMAN RIVERA: Well, thank you.  
14 Thank you very much. We appreciate that. And  
15 we're -- you're certainly preaching to the  
16 choir.

17 All right, with that, Toni, I'm  
18 going to turn it over to you to introduce our  
19 presenter and our presentation.

20 MS. BUSH: Thank you very much.  
21 Following as Chair of the Telecom and  
22 Broadband Subcommittee, at our last meeting,

1 we had presentations on developments in the  
2 technology community from BET, their study  
3 that they've done with 80,000 African-American  
4 families.

5 And we also had a report on what's  
6 going on in the Asian-American Community. And  
7 so today, we're fortunate to have Sascha  
8 Meinrath -- did I get that right? And is  
9 Loris Taylor here?

10 MS. TAYLOR: Yes, I'm on the phone.

11 MS. BUSH: Okay. And Loris Ann  
12 Taylor from the Native -- the Executive  
13 Director of the Native Public Media -- and  
14 Sascha is the Director of the Open Technology  
15 Institute of the New America Foundation.

16 So, with that, I'll turn it over to  
17 you.

18 MR. MEINRATH: Sure. And I -- I  
19 think that Loris Taylor's going to get us  
20 started. She has a quick presentation on  
21 Universal Service Fund reform in Native  
22 America. Hopefully that can be put up. Is it

1 possible to get that up? Great.

2 So, Loris, if you'd like to just  
3 start the presentation, I will man the  
4 projector.

5 MS. TAYLOR: All right. Fabulous.

6 Good afternoon, everyone. Good  
7 afternoon to Commissioners Clyburn,  
8 Commissioner Cobb, to Henry Rivera, and also  
9 to the members of the Advisory Committee on  
10 Diversity. Thank you so much for inviting me.

11 Native Public Media is an  
12 institution that serves Native Americans in  
13 this country, including our native Hawaiians.

14 We work to bring broadcast  
15 facilities to Native Americans. We work on  
16 programming and content that mirrors our  
17 communities. We work on journalism, new  
18 platforms, and of course, on public policy.

19 Our network consists of 34 radio  
20 stations that are on air, 34 that we hope to  
21 build within the next three years, our  
22 satellite highway which distributes our

1 programming, called Native Voice 1.

2 Our system right now reaches out to  
3 about a half-million Native American listeners  
4 across the country, and more than that, over  
5 the 10 stations that are now streaming over  
6 the internet.

7 Over the past year, Native Public  
8 Media has worked very hard to establish a  
9 tribal priority in broadcast and also to help  
10 establish the Office of Native Affairs and  
11 Policy. And I understand the team is out  
12 visiting in Indian country and cannot be here  
13 today.

14 I'm going to start off with a very  
15 brief overview, and hopefully we can have a Q  
16 & A at the end of the presentation.

17 Basically, our service, in terms of  
18 telecommunications, is probably among the  
19 worst-served communities if that were -- in  
20 comparison to other communities in the United  
21 States.

22 A little more than two-thirds of

1 households on tribal lands have telephone  
2 service -- and this was back in 2000,  
3 according to a 2006 GAO report -- compared to  
4 a national rate of 98 percent.

5 Statistically, a little over a  
6 third of tribal members and perhaps half the  
7 Navajos, which is the largest tribe in the  
8 U.S., have access to basic 911 services.  
9 We're making a little bit of a dent in terms  
10 of broadband deployment out into Indian  
11 country as a result of the stimulus funding,  
12 but we really have a long way to go.

13 And so as the Commission considers  
14 an overhaul of the Universal Service Fund, it  
15 really needs to carefully balance the impact  
16 of USF reform on the legacy programs that  
17 currently serve the communications and  
18 telecommunications needs of Native Americans  
19 across the country.

20 Next slide. Some of the barriers  
21 to telephone deployment -- which give you a  
22 view of what it's like, also, in terms of

1 broadband deployment -- are really the same  
2 issues. The terrain of tribal lands across  
3 this country, limited tribal financial  
4 resources, making sure that not having the  
5 capacity in terms of trained tribal people in  
6 rights-of-way issues.

7 And these same issues are the same  
8 challenges that face us in terms of broadband  
9 deployment.

10 The importance of FTC tribal  
11 programs includes enhanced lifeline and  
12 enhanced linkup, and I recall that last week,  
13 there was an anniversary celebration of these  
14 programs.

15 These two programs were meant to  
16 promote telecommunication services and the  
17 building of telecom infrastructure on tribal  
18 lands. And so if we move towards Universal  
19 Service Reform, similar programs on the  
20 broadband side are going to be equally  
21 important, because really, the socio-economic  
22 conditions of tribal communities have changed

1 some, but not a lot.

2 Next slide. I just want to point  
3 out how important tribal sovereignty is. Over  
4 the past year, Native Public Media worked with  
5 the New America Foundation on the new media  
6 internet and technology study.

7 And one of the most important  
8 principles that came out of that study was the  
9 recognition that tribal sovereignty plays a  
10 huge part in how communications and  
11 telecommunications infrastructure is deployed  
12 out into Indian country.

13 The fact that tribes have the power  
14 to self-govern, to determine their own  
15 economic and media and telecom destiny, is  
16 very, very important.

17 We found that if deployment is  
18 tribal-centric, meaning that if it is driven  
19 by tribal people on the ground, if it  
20 recognizes that anchor institutions are  
21 important to the core of deployment, that  
22 makes a huge difference in how successful that

1 deployment will be.

2 Any changes in the USF program must  
3 take into consideration tribal sovereignty, as  
4 tribes actively assert self-determination in  
5 terms of making sure that they are  
6 establishing networks that connect economic  
7 development, education, public safety, and  
8 other vital community systems.

9 Next slide. Sascha?

10 MR. MEINRATH: Yes.

11 MS. TAYLOR: Some of the challenges  
12 to Universal Service reform really include the  
13 limited infrastructure that still remains out  
14 in Indian country, infrastructure that  
15 historically has not been deployed or  
16 developed through market competition as they  
17 have been elsewhere in the nation.

18 Critical infrastructure does not  
19 come to tribal lands without significant  
20 federal involvement, investment, and  
21 regulatory oversight.

22 The rural terrain, the poverty, the

1 historic periods of failed federal policies  
2 towards native people and their lands really  
3 have created an atmosphere that requires  
4 special economic regulatory creativity.

5           And with the establishment of the  
6 new Office of Native Affairs and Policy, we're  
7 hoping that that office will serve to connect  
8 with tribal leaders across the country in  
9 terms of consultation on some of these very  
10 challenging issues, so that we can find ways  
11 to make broadband deployment very, very  
12 successful.

13           Next slide. Some of the solutions  
14 to Universal Service Fund reform are those  
15 things that I have mentioned, tribal-centric  
16 solutions in terms of nation-building  
17 practices among tribes, making sure that  
18 institutions and families are central to the  
19 planning, which will make the chance of  
20 success increase, making sure that tribes are  
21 at the center of the planning and  
22 implementation process on tribal lands, and

1 making sure that the communications  
2 technologies, the tribal communities, are  
3 really looking at ways to measure an  
4 information ecology that is going to be  
5 serving the needs of the people, the vital  
6 information that people need to make decisions  
7 about their health or public safety, the vital  
8 information that is necessary to economic  
9 development or to tribal health, those are  
10 the kinds of things that make a difference on  
11 the very ground level.

12 Tribal inclusion on the Universal  
13 Service reform should include some of these  
14 things: having a tribal member on the USF  
15 Joint Board, making sure that Universal  
16 Service-enhanced tribal lands broadband  
17 program is there, making sure that there are  
18 analog redundancies.

19 If transition is going to take  
20 place between analog technology over to  
21 digital technology, we know in Indian country  
22 that that particular transition will take up

1 to perhaps 10 years -- hopefully not, but  
2 realistically, perhaps 10 years -- primarily  
3 because of other factors that are beyond our  
4 control, such as the federal budget.

5 And we know that while this  
6 transition is going on, that people and  
7 families on the ground will continue to have  
8 a need for analog technologies. Simply having  
9 a telephone in the home is going to be  
10 important.

11 A revision of the E-rate is  
12 important, making sure that the eligible  
13 telecommunications carriers consult with  
14 tribal governments, and establishing a tribal  
15 broadband fund.

16 There's a number of other policy  
17 recommendations that Native Public Media and  
18 the National Congress of American Indians have  
19 made. Throughout this process,  
20 we welcome the opportunity to continue to work  
21 with the FCC and the different bureaus, and  
22 especially the new office dedicated to Native

1 America, in making sure that this time around,  
2 so when the next GAO report comes out, that  
3 certainly conditions in Indian country would  
4 have changed for the better.

5 So, with that, I'm going to hand it  
6 off over to Sascha, and I'll be happy to  
7 entertain any questions after.

8 MR. MEINRATH: Great. Thanks,  
9 Loris.

10 So, I work inside the beltway at a  
11 DC think tank, but I also have about a half-  
12 decade's experience working with tribes and  
13 actually going out and deploying in the high  
14 desert outside of San Diego, and have  
15 experienced first-hand the realities on the  
16 ground there and elsewhere across the United  
17 States.

18 Before I get started, I would be  
19 remiss if I didn't thank Geoffrey Blackwell,  
20 who has really been key to moving a lot of  
21 these issues forward. But also, I or my staff  
22 has spoken directly with Commissioners Copps

1 and Clyburn on some of these issues before,  
2 and this is an area where Chairman Genachowski  
3 should really be commended for moving things  
4 forward rapidly, far more rapidly than we're  
5 used to seeing, perhaps, at the FCC.

6 And there's been a couple of folks  
7 that have been working behind the scenes.  
8 Yule Kwan and Lauren Kravetz have really tied  
9 together a lot of these efforts and should be  
10 pointed out as exemplars of people that we  
11 want doing that, this kind of work.

12 The research and analysis in this  
13 area is incredibly sparse. This is the  
14 definitive study only because there's so  
15 little out there.

16 And our research agenda was really  
17 to document both the quantitative analysis of  
18 what was happening on the ground, as well as  
19 a more qualitative case study to document some  
20 of the success stories that you might not  
21 otherwise hear about. And both of those are  
22 in this report.

1 I think, you know, when we were  
2 doing this work, this new media technology and  
3 internet use in Indian country, we found some  
4 incredibly surprising results.

5 So the representatives from about  
6 120 different tribes registered utilization  
7 rates far above national averages for new  
8 media, internet use, etcetera. In essence,  
9 when they had access, they adopted at rates  
10 far higher than the national norms.

11 And so this really is a question of  
12 access in Indian country. And of course the  
13 best data that we have available is that it's  
14 somewhere around five to ten percent, which is  
15 atrocious.

16 Now, people like Valerie Fasthorse  
17 at Coeur D'Alene and Matt Rantanen over at  
18 Tribal Digital Village have really pioneered  
19 some incredibly innovative and large-scale  
20 networks for broadband service provision on  
21 the reservations, and we should be looking at  
22 that. We should be looking at

1 the business models, about the ways in which  
2 they have done this, because it demonstrates  
3 long-term successful endeavors to bring  
4 broadband access at rates that people can  
5 afford to those communities.

6 And time and time and time again,  
7 when we've talked with folks, what we've  
8 heard, again and again, is that the problem is  
9 very much about structural barriers that have  
10 been erected to prevent these tribes from  
11 actually implementing networks to serve their  
12 own needs, to self-provision broadband access.

13 So, as a first and low-hanging-  
14 fruit step, we need to reconstitute the Tribal  
15 Broadband Plan that was originally going to be  
16 a part of the National Broadband Plan.

17 It was broken up and sort of placed  
18 in a lot of different locations, but bringing  
19 that back together in a coherent document  
20 would be an easy way to sort of register that  
21 this is a priority here at the FCC.

22 As Loris mentioned, you know,

1 Universal Service Fund reform is really  
2 important, e-rate reform, incredibly  
3 important. I know that there's a  
4 number of tribes that have had trouble being  
5 even e-rate eligible, because the institutions  
6 that are on tribal lands don't necessarily map  
7 onto the schools and libraries that we think  
8 of in terms of who uses e-rate.

9 And the FCC has also made great  
10 strides. You should be commended, in fact,  
11 for convening the National or the Tribal Task  
12 Force for founding the Office of Native  
13 Affairs and Policy, for staffing it up in a  
14 very short period of time.

15 But as we have documented in this  
16 report, new media technology and internet use  
17 in Indian country, the real issue is still to  
18 be addressed.

19 So, thus far, if the FCC's work has  
20 been exemplary, the challenge before us is  
21 really to capitalize on this momentum, so I  
22 have four take-home messages, as it were.

1           So, first, we need to implement the  
2           long-needed reforms that we lay out in this  
3           report. And if you just want the bullet  
4           points on page 36 on forward, it's laid out  
5           like an ex parte, so it's very readable.

6           Second, we need to conduct ongoing  
7           research on the on-the-ground realities. This  
8           should be viewed as an initial foray into an  
9           area in desperate need of further research and  
10          analysis.

11          Third, we need to really remove the  
12          structural barriers that prevent more  
13          widespread roll-out of broadband  
14          infrastructure.

15          Many of these won't cost us a cent.  
16          It's just that there are barriers that prevent  
17          people from accessing resources that are  
18          already available to other communities and  
19          constituencies.

20          And finally, we need to  
21          meaningfully support, both here at the FCC and  
22          also on-the-ground, initiatives that exemplify

1 a lot of the best practices that we capture in  
2 this report.

3 So I'm going to leave it there.  
4 And thank you all very much for having me  
5 here, and I very much look forward to your  
6 questions.

7 CHAIRMAN RIVERA: Well, thank you,  
8 Sascha, and thank you, Loris, for that  
9 excellent presentation, and really  
10 encapsulating the problems that the Native  
11 Americans are facing with regard to broadband  
12 and actually, I guess, BOPS.

13 So, are there any questions for  
14 Loris or Sascha?

15 Andy?

16 MR. SCHWARTZMAN: The focus for  
17 tribal areas, understandably, moves towards  
18 wireless as technology evolves.

19 And I wonder if there are any of  
20 the particular recommendations that could be  
21 sharpened or that might be particularly  
22 focused on wireless.

1                   MR. MEINRATH: Sure. So clearly,  
2 we are watching, with extreme cautious  
3 optimism, the meeting on the 23rd. I hope I  
4 can talk about this and what's happening with  
5 whitespace devices and whitespace  
6 technologies.

7                   We did have a couple of key areas  
8 where we were very concerned. For example,  
9 the border exclusion zones, it does appear,  
10 from what I've heard, that that has been  
11 addressed.                   We are still very  
12 concerned that if whitespace technologies are  
13 not allowable in metropolitan areas due to  
14 prioritization of wireless microphones, that  
15 it will never gain the economies of scale  
16 necessary to bring wireless devices all over  
17 the United States, including to Indian  
18 country.

19                   I would say that, until we know the  
20 details of what's going to be the order on the  
21 23rd, it's hard to know whether we will come  
22 down and commend or condemn the actual order.

1 MS. BUSH: Well, this is Toni. But  
2 I think that's different from cellular, and I  
3 guess the question is, why wouldn't -- I mean,  
4 that's one technology, sort of a future-  
5 looking technology.

6 But what about the use of existing  
7 technologies on tribal lands, like cellular,  
8 for providing broadband or other services, or  
9 WiMAX? I mean, what about some of the other  
10 things that are already being used today?

11 MS. TAYLOR: I think there -- this  
12 is Loris. A few years ago, Native Public  
13 Media did indeed state that in some tribal  
14 communities, it may have to be a combination  
15 of different technologies.

16 I think what needs to happen is  
17 that we need to map and evaluate government  
18 and other local assets that exist, find out  
19 what the existing services are, really  
20 determine areas of deployment in Indian  
21 country, and find out whether some tribes, I  
22 think, are shovel-ready, others are not.

1 Figure out what the cost will be, to make sure  
2 that we're going to be able to connect the  
3 anchor institutions which are really the hubs  
4 of employment and economic activity on tribal  
5 reservations, and really determine also the  
6 type and speed of the technology in use.

7 We want to make sure that, for  
8 instance, on the Hopi reservation, I know that  
9 they have fiber, and that they're also going  
10 to use a combination of fiber and WiMAX to  
11 reach out, make sure that all the communities  
12 are connected.

13 Years ago, we had satellite, and we  
14 had latency issues that were -- I mean, it  
15 took me 20 minutes, I remember, trying to  
16 download a document.

17 And so without the information, the  
18 data that's really necessary, it's really the  
19 mapping and data that's going to make sure in  
20 helping us to deploy in terms of efficiency,  
21 in terms of scales of economy, in terms of  
22 making sure that the last mile issues and well

1 -- I think, all the smile issues are  
2 addressed.

3 So I think mapping and evaluating  
4 is key.

5 The other is developing broadband  
6 policies that are tribal-centric, making sure  
7 that there are specific goals and objectives  
8 that are met so that we can make sure that  
9 there is some accountability, not just in  
10 terms of the providers, but in terms of the  
11 plans that will have to be adopted by tribal  
12 governments and meeting their needs.

13 There are other recommendations.  
14 Perhaps, in some places, developing public and  
15 private partnerships. I just met with the  
16 tribal telecos in Phoenix not too long ago.  
17 They're trying to get into triple-play systems  
18 which provides an opportunity, perhaps in some  
19 communities, to join up with non-tribal  
20 entities and find ways to invest monetarily  
21 and perhaps in terms of human resources.

22 And so -- and really just making

1       sure that there's a level playing field for  
2       both wired line and wireless broadband  
3       providers.

4                 We know that tribes are usually the  
5       providers of last resort, because they're the  
6       only ones that are willing to take the risk to  
7       invest into their own tribal community.

8                 And so addressing some of those  
9       issues is going to be very important, whether  
10      it's wireless or wired technology. And  
11      obviously, we're also trying to take a look at  
12      mobile platforms, trying to figure out how we  
13      can get content over mobile devices, since  
14      Native Americans are really quite mobile today  
15      themselves, residing in urban areas and back  
16      to the reservation and so forth.

17                MR. MEINRATH: I'd like to add to  
18      that.

19                I guess the twin issues that most  
20      tribes face in terms of -- why are they not  
21      using a lot of the technologies? Why is there  
22      such a reliance on WiFi? -- is that, number

1 one, as Loris mentioned, these are not -- I  
2 have yet to work with any tribe whatsoever  
3 that says, you know, I know we have this  
4 competitive market for cellular phone systems,  
5 but let's build another network.

6 No, of course, they build when no  
7 one else will serve. And so build-out  
8 requirements, for example, are one solution to  
9 that. But actually, I think even more than  
10 that, it's licensure that really prevents a  
11 lot of tribes from rolling out cellphone-type  
12 technologies.

13 So we've talked a lot about, you  
14 know, how does one encourage tribes to bid on  
15 licenses, but also, other innovative  
16 solutions, like what about an unlicensed GSM  
17 band that anyone could utilize, and what would  
18 that mean, not just on tribal lands, but  
19 across the United States, if we had that sort  
20 of technology option on the table.

21 I also point out, you know, we've  
22 been talking quite a bit with some folks

1 about, there's two projects in particular,  
2 OpenBTS and the SERVAL project out of  
3 Australia, that are doing really innovative  
4 large-scale networks using GSM technology that  
5 have real implications for any under-served  
6 area of the United States. And these  
7 technologies are in some ways in their infancy  
8 like WiFi was 10 years ago, but are really  
9 promising.

10 CHAIRMAN RIVERA: All right. Any  
11 other questions?

12 I'd just like to mention that our  
13 former colleague, Geoffrey Blackwell, who was  
14 a member of our committee, is now the director  
15 of the new Office of Native Affairs. So we're  
16 looking for great things from him and commend  
17 the Chairman on a very wise choice there to  
18 direct that office.

19 Is there any new business to come  
20 before the group?

21 Jim?

22 MR. WINSTON: There are a couple of

1 issues that are creating problems for  
2 broadcasters that I thought that I'd at least  
3 bring to the attention to the Committee. We  
4 can figure out if there's appropriately an  
5 issue for us to address as the advisory  
6 committee.

7 The Commission's last round of  
8 license renewals began in 2003, about to begin  
9 a new round of license renewals in 2011. And  
10 there are hundreds of license renewals still  
11 pending from the 2003 cycle.

12 And if you're a minority  
13 broadcaster, your bankers are always  
14 questioning why you don't have a renewed  
15 license.

16 I've got a client that -- their  
17 financiers demanded a monthly report on the  
18 status of their license renewal, and this week  
19 I sent them out their 43rd monthly report on  
20 the status of their license renewal.

21 So, it's an issue that -- it's not  
22 a policy issue, it seems to be a how-do-we-

1 get- things-accomplished-here in a timely  
2 manner issue. But I thought I'd at least  
3 throw it out there for the committee to  
4 address.

5 A second one I wanted to address,  
6 a similar vein -- it's a how-do-we-make-  
7 things- happen issue -- Pirate radio is a  
8 problem, and it seems to be -- it's  
9 interesting, because many of the pirates  
10 operating around the country are minorities,  
11 and come on as minority radio stations.

12 And because of the current  
13 structure of the way the Commission seeks to  
14 put pirates off the air, they don't have to  
15 go.

16 The Commission's process now is to  
17 issue a \$10,000 forfeiture, and if you don't  
18 pay it, the Commission can't do anything about  
19 it. The Commission has to refer you to the  
20 Justice Department.

21 And so we've got stations who  
22 complained about pirates years and years ago,

1 and the pirates are still operating with  
2 impunity. There was an article in Inside  
3 Radio about a year ago about a pirate that's  
4 been on the air for 20 years.

5 And the longer they stay on the  
6 air, the more legitimacy they develop. So  
7 I've had clients complaining about pirates,  
8 they send me newspaper articles where the  
9 mayor has come to visit the studio.

10 Because they're not hiding. They  
11 come to the studio, and the mayor's taking a  
12 picture, you know, this guy's really serving  
13 the community.

14 And so these are kinds of issues  
15 that I think -- you know, they fester and  
16 create problems for legitimate broadcasters.

17 And I just thought I'd throw them  
18 out there for the committee, for us to think  
19 about, whether or not there's something that  
20 this committee should be saying to the  
21 Commission about those issues.

22 CHAIRMAN RIVERA: Diane, what do

1       you think? Do you want to take those two  
2       issues back to your subcommittee and see if  
3       there's something that we ought to be doing,  
4       or can do?

5                   MS. SUTTER: Certainly. Jim, as a  
6       member of that committee, it could be very  
7       helpful in that regard.

8                   CHAIRMAN RIVERA: All right. Fair  
9       enough.

10                  MS. KREISMAN: One thing that was  
11       not totally correct, and that was with respect  
12       to at least television, because television  
13       renewals fall under the video division.

14                  There is a reason why the renewals  
15       are being held up. They are not being held up  
16       because of lack of action. They're usually  
17       being held up because of pending indecency  
18       complaints, frankly, and that's pretty well-  
19       known, and there has to be a policy cut as to  
20       how those complaints are going to be resolved  
21       and affect the renewals.

22                  So, it's not because of backlog

1 issues, at least in the television area.

2 MR. WINSTON: Well, I guess that  
3 there are two different issues, because the  
4 ones that have been held up, apparently, there  
5 have been two issues. One is indecency, one  
6 is payola.

7 When Eliot Spitzer did his  
8 investigation in New York, he shipped cartons  
9 and cartons of files down to the Commission,  
10 and the Commission used those to hold up some  
11 renewals.

12 The problem that most of these  
13 stations have is that they've never gotten a  
14 letter from the Commission saying, you have an  
15 indecency complaint, and this is what it is.  
16 You've been alleged to have committed payola,  
17 and this is what the allegation is.

18 Most of them have never received  
19 any news from the Commission as to why their  
20 renewals are being held up. And that, I  
21 think, is a problem.

22 MS. KREISMAN: I'm not aware of

1 those. But I will also bring this to the  
2 attention of the Enforcement Bureau, who is  
3 responsible for those two areas, and also,  
4 with respect to the pirate radio issue.

5 CHAIRMAN RIVERA: Thank you. Jane,  
6 do you want to say anything about these? It  
7 seems to reflect on the larger broadcast  
8 community, not just the minority groups.

9 MS. MAGO: The observation I would  
10 make is that I think that this is an issue  
11 that is -- it does, in fact, affect the entire  
12 broadcast industry, and it's something that's  
13 of concern on a wider level.

14 Having said that, I think of it as  
15 something that this committee should talk a  
16 little bit about, but I believe that it may be  
17 something that warrants a broader solution  
18 that we certainly will be very interested in  
19 helping to help resolve.

20 CHAIRMAN RIVERA: Terrific. So,  
21 Diane, you'll think about that.

22 MS. SUTTER: I will.

1                   CHAIRMAN RIVERA:  Terrific.

2           Thanks.

3                   Anything else?

4                   No?  All right.

5                   Well, again, the next meeting will  
6           be, for sure, December 2nd, and we may have  
7           another one between now and then to deal with  
8           this issue that David reported on.

9                   I want to thank you all for coming  
10          and for your being engaged and your thoughtful  
11          comments and questions and suggestions.  I  
12          thought we had a terrific meeting, and we will  
13          see you all December 2nd, if not before.

14                   And we're adjourned.

15                   (Whereupon, the above-entitled  
16          matter was concluded at 3:20 p.m.)

17

18

19

20

21

22

<b>A</b>	<b>ADJOURNMENT</b>			<b>B</b>
<b>ability</b> 18:18 37:9	3:22	21:15	48:12 50:7 51:14	<b>availability</b> 25:6
<b>able</b> 11:9 12:1 19:8	<b>Administrative</b>	<b>amend</b> 29:20	<b>appreciation</b> 48:10	<b>available</b> 25:3,8
30:10,15 33:8	14:10 15:22 20:2	<b>amendment</b> 14:9	<b>appropriate</b> 29:17	29:6 64:13 67:18
34:11 35:10,13	<b>adopt</b> 15:4	19:22 30:4 31:4	<b>appropriately</b> 76:4	<b>averages</b> 64:7
36:9 37:15 40:12	<b>adopted</b> 64:9 72:11	<b>America</b> 2:15 3:19	<b>approved</b> 14:17	<b>awarded</b> 14:14,15
40:14 41:19 46:1	<b>adoption</b> 3:15	52:15,22 57:5	<b>arbitrary</b> 20:1	<b>aware</b> 30:12 80:22
46:11,18 71:2	43:16	62:1	<b>area</b> 50:19 63:2,13	<b>aye</b> 31:13
<b>above-entitled</b> 21:2	<b>advantage</b> 18:18	<b>American</b> 2:10	67:9 75:6 80:1	<b>eyes</b> 31:14
82:15	<b>advisory</b> 1:3 3:5	44:7 54:3 61:18	<b>areas</b> 68:17 69:7,13	
<b>absolutely</b> 39:17	4:7 9:19 35:5	<b>Americans</b> 53:12	70:20 73:15 81:3	
42:14 45:21 46:4	36:15 53:9 76:5	53:15 55:18 68:11	<b>arriving</b> 7:2	<b>back</b> 11:2 20:20
50:18,18	<b>Affairs</b> 54:10 59:6	73:14	<b>article</b> 78:2	22:21 23:16 35:2
<b>academics</b> 34:13	66:13 75:15	<b>amount</b> 23:11	<b>articles</b> 78:8	35:10,13 41:4
<b>acceptable</b> 23:4	<b>affect</b> 79:21 81:11	<b>analog</b> 60:18,20	<b>Asian</b> 2:10	55:2 65:19 73:15
<b>access</b> 18:12 19:13	<b>afford</b> 65:5	61:8	<b>Asian-American</b>	79:2
24:11 55:8 64:9	<b>African-American</b>	<b>analysis</b> 63:12,17	22:3 52:6	<b>backlog</b> 79:22
64:12 65:4,12	41:18 52:3	67:10	<b>asked</b> 6:12	<b>balance</b> 55:15
<b>accessing</b> 19:8	<b>afternoon</b> 4:3 6:11	<b>anchor</b> 57:20 71:3	<b>assert</b> 58:4	<b>band</b> 74:17
67:17	8:12 32:16 53:6,7	<b>ANDREW</b> 1:17	<b>Asset</b> 44:4	<b>bankers</b> 76:13
<b>accountability</b> 72:9	<b>Age</b> 1:4 4:8	<b>Andy</b> 68:15	<b>assets</b> 6:20 18:20	<b>banks</b> 19:9
<b>acquire</b> 6:20	<b>agency</b> 6:16 7:8 8:7	<b>Ann</b> 2:20 3:17	25:8 70:18	<b>Barbara</b> 2:2 3:2
<b>acquiring</b> 25:13	27:18 32:18 42:9	52:11	<b>Assey</b> 2:7 21:16,16	5:17 9:10 11:17
<b>acquisitions</b> 46:7,8	42:10,14 45:2	<b>ANNE</b> 2:13	<b>assigned</b> 20:11	12:14,19
<b>Act</b> 14:10 15:22	<b>agency's</b> 40:20	<b>anniversary</b> 56:13	27:12	<b>Barber</b> 2:9 21:15
20:2	<b>agency-wide</b> 32:22	<b>announce</b> 27:9	<b>assist</b> 11:11	21:15
<b>Acting</b> 48:21	33:3,5	<b>announced</b> 7:8	<b>assistance</b> 46:19	<b>barriers</b> 19:13
<b>action</b> 10:1 79:16	<b>agenda</b> 3:4 5:1	<b>announcement</b>	<b>Associate</b> 2:4	55:20 65:9 67:12
<b>actions</b> 34:22	33:14 63:16	20:6	<b>Association</b> 44:4,9	67:16
<b>active</b> 48:11 50:21	<b>ago</b> 70:12 71:13	<b>anticipate</b> 35:10	<b>associations</b> 41:11	<b>based</b> 17:9
<b>actively</b> 58:4	72:16 75:8 77:22	<b>anticipating</b> 36:8	<b>atmosphere</b> 59:3	<b>basic</b> 55:8
<b>activity</b> 71:4	78:3	<b>anxious</b> 49:7	<b>atrocious</b> 64:15	<b>basically</b> 22:15
<b>actual</b> 28:21 69:22	<b>agree</b> 7:16	<b>anybody</b> 22:7 26:2	<b>attention</b> 24:9 76:3	54:17
<b>actuality</b> 31:8	<b>ahead</b> 10:7 51:9	38:6 44:21 47:6	81:2	<b>basis</b> 42:18
<b>adapt</b> 43:13	<b>aid</b> 11:13	<b>apologize</b> 47:19	<b>attract</b> 39:12	<b>beautiful</b> 4:9
<b>Adarand</b> 14:18	<b>air</b> 53:20 77:14	48:5	<b>attractive</b> 38:11,15	<b>began</b> 76:8
48:22 49:21	78:4,6	<b>apparently</b> 11:1	<b>attribute</b> 19:11	<b>beginning</b> 34:16
<b>add</b> 5:18 26:3	<b>Alan</b> 1:13 21:20	13:6 20:10 80:4	<b>attributes</b> 15:8,9	<b>believe</b> 6:15 19:15
73:17	<b>alerted</b> 27:17	<b>appear</b> 69:9	16:11,14 18:19	81:16
<b>addition</b> 25:9	<b>allegation</b> 80:17	<b>applicants</b> 14:13	<b>auction</b> 19:6	<b>beltway</b> 62:10
<b>address</b> 6:3 76:5	<b>alleged</b> 80:16	15:7,18,21 16:1	<b>auctions</b> 8:1 14:15	<b>BESS-JOHNSON</b>
77:4,5	<b>allied</b> 80:16	16:13	17:2	2:1
<b>addressed</b> 66:18	<b>Alliance</b> 2:19	<b>application</b> 7:19	<b>audience</b> 38:4	<b>best</b> 12:7 17:16
69:11 72:2	<b>allowable</b> 69:13	37:12	<b>audio</b> 10:13 13:5	37:6 64:13 68:1
<b>addresses</b> 44:14	<b>allowing</b> 8:11	<b>applications</b> 7:9,15	<b>Australia</b> 75:3	<b>BET</b> 2:9 52:2
<b>addressing</b> 73:8	<b>alluded</b> 27:17 40:4	43:15	<b>authority</b> 33:1	<b>better</b> 7:5 27:20
<b>adjourned</b> 82:14	<b>alongside</b> 16:22	<b>appreciate</b> 6:8,21	<b>authorizations</b>	37:19 39:2,10
	<b>Alonzo</b> 1:12 2:9	8:17 32:10 47:18	14:13	62:4

<b>beyond</b> 61:3	17:2 18:5	<b>capture</b> 68:1	<b>challenging</b> 59:10	78:11
<b>bid</b> 74:14	<b>broader</b> 14:12	<b>carefully</b> 55:15	<b>Chamber</b> 44:9	<b>comes</b> 8:21 11:14
<b>big</b> 4:19 50:10	81:17	<b>Carolyn</b> 2:2 22:5	<b>chance</b> 59:19	29:1 62:2
<b>BIP</b> 37:7	<b>broken</b> 65:17	<b>carriers</b> 61:13	<b>changed</b> 56:22 62:4	<b>coming</b> 5:6 25:8
<b>bit</b> 43:3 48:20 55:9	<b>brought</b> 4:19 30:9	<b>carries</b> 31:16	<b>changes</b> 58:2	32:3 34:3 47:16
74:22 81:16	<b>BTOP</b> 37:7	<b>cartons</b> 80:8,9	<b>Charles</b> 1:18 21:9,9	49:6 82:9
<b>Black</b> 44:9	<b>budget</b> 61:4	<b>case</b> 9:18 14:21	<b>Charlie</b> 21:8	<b>commend</b> 26:10
<b>Blackwell</b> 62:19	<b>build</b> 53:21 74:5,6	39:16 63:19	<b>charter</b> 5:7 8:5	69:22 75:16
75:13	<b>Builders</b> 44:5	<b>cause</b> 31:10	9:10	<b>commended</b> 63:3
<b>Blake</b> 23:6	<b>building</b> 56:17	<b>cautious</b> 69:2	<b>Chief</b> 2:4 3:14 8:21	66:10
<b>Blake's</b> 16:7	<b>build-out</b> 74:7	<b>CBS</b> 2:13	<b>choice</b> 75:17	<b>comments</b> 82:11
<b>blood</b> 34:19	<b>bullet</b> 67:3	<b>cede</b> 44:16	<b>choir</b> 51:16	<b>commission</b> 1:1
<b>Board</b> 60:15	<b>bunch</b> 10:20	<b>celebration</b> 56:13	<b>Chorus</b> 31:14	6:13,20 7:4 11:11
<b>body</b> 14:16 16:21	<b>bureau</b> 2:4,4 40:21	<b>cellphone-type</b>	<b>chosen</b> 15:10	12:16 14:11,13,20
18:21 32:19	81:2	74:11	<b>circle</b> 41:3	16:12 17:18 23:5
<b>bono</b> 23:13	<b>bureaus</b> 33:10	<b>cellular</b> 70:2,7 74:4	<b>circling</b> 49:13	25:2 27:9 29:5
<b>book</b> 4:19	61:21	<b>cent</b> 67:15	<b>circulate</b> 40:1	48:16 49:18 55:13
<b>BOPS</b> 68:12	<b>Burling</b> 16:7	<b>center</b> 2:11 22:1,4	<b>circulated</b> 39:18	77:13,18,19 78:21
<b>border</b> 69:9	<b>Bush</b> 1:13 3:12	59:21	<b>clarification</b> 28:13	80:9,10,14,19
<b>break</b> 20:8	6:22 24:5 27:4	<b>central</b> 59:18	30:2	<b>Commissioner</b> 4:4
<b>brick-and-mortar</b>	29:3,14 51:20	<b>certainly</b> 35:2 40:6	<b>clear</b> 49:22	6:1,5,6 8:14 9:1
38:7	52:11 70:1	42:13 51:15 62:3	<b>clearer</b> 6:17 7:12	24:8,21 26:10
<b>bridge</b> 20:12	<b>business</b> 2:5 3:13	79:5 81:18	25:19	27:6,8 28:10 31:9
<b>brief</b> 22:20 32:17	3:21 15:13 16:22	<b>chair</b> 5:14 26:4	<b>clearly</b> 69:1	47:10,13,19 53:8
54:15	30:10,20 38:7,20	44:17 51:21	<b>client</b> 76:16	<b>Commissioners</b>
<b>briefed</b> 23:6	39:1,12 40:12	<b>Chairman</b> 1:10,12	<b>clients</b> 78:7	1:20 16:20 22:19
<b>bring</b> 22:21 23:18	41:11,22 43:15,21	3:5,8,10,12 4:4	<b>closely</b> 33:22	53:7 62:22
53:14 65:3 69:16	50:12 65:1 75:19	5:16 6:10 8:4,10	<b>Clyburn</b> 1:21 4:5	<b>Commissioner's</b>
76:3 81:1	<b>businesses</b> 6:19	8:13 9:3 10:14,17	6:1,6 9:1 24:8	8:20 9:7
<b>bringing</b> 24:8	7:18 8:9 15:10	11:1,4 13:13 14:4	27:8 53:7 63:1	<b>Commission's</b>
65:18	16:16 24:11 37:10	20:3 22:9 26:4	<b>Cobb</b> 53:8	12:12 26:20 76:7
<b>broad</b> 15:7	37:20 38:8,14	28:9 30:3 31:2,15	<b>code</b> 20:16,17,18	77:16
<b>broadband</b> 3:11,15	43:13 44:13	32:6,15 35:17	<b>Coeur</b> 64:17	<b>Commission-reg...</b>
5:2 7:1 43:10,14	<b>busy</b> 4:8 6:2 32:9	36:17 37:21 38:3	<b>coherent</b> 65:19	18:20
43:15 51:22 55:10	44:19	39:14 41:5,19	<b>coin</b> 19:2	<b>committed</b> 12:15
56:1,8,20 59:11		42:16 44:18 47:4	<b>collaboratively</b>	27:20 33:10 80:16
60:16 61:15 64:20	<b>C</b>	47:10,15 48:21	42:5	<b>committee</b> 1:3,11
65:4,12,15,16	<b>call</b> 9:19 10:6 20:6	51:13 63:2 68:7	<b>colleague</b> 75:13	3:5 4:7 6:11,22
67:13 68:11 70:8	<b>called</b> 15:5 17:3	75:10,17 78:22	<b>combination</b> 70:14	8:11,16 9:19 12:4
72:5 73:2	54:1	79:8 81:5,20 82:1	71:10	24:16 25:21 31:21
<b>broadcast</b> 12:10	<b>Campbell-Willia...</b>	<b>Chairman's</b> 33:1	<b>come</b> 11:2 16:17	35:6,16 36:15
46:15 53:14 54:9	2:10 22:2,3	35:12 36:7	24:17 28:7,22	39:15 48:2,10
81:7,12	<b>capacity</b> 56:5	<b>chairs</b> 45:14	31:22 35:15 36:6	50:13 53:9 75:14
<b>broadcaster</b> 76:13	<b>capital</b> 18:13 19:8	<b>challenge</b> 19:22	37:3,6,15,18 38:8	76:3,6 77:3 78:18
<b>broadcasters</b> 38:12	19:13 36:21 46:6	66:20	38:13 39:16 47:15	78:20 79:6 81:15
76:2 78:16	<b>capitalize</b> 66:21	<b>challenges</b> 56:8	50:8 58:19 69:21	<b>Committee's</b> 8:4
<b>broadcasting</b> 15:15	<b>capricious</b> 20:1	58:11	75:19 77:11 78:9	<b>communications</b>

1:1,4 2:5,17 3:13 8:9 15:20 55:17 57:10 60:1 <b>communities</b> 53:17 54:19,20 56:22 60:2 65:5 67:18 70:14 71:11 72:19 <b>community</b> 44:4 52:2,6 58:8 73:7 78:13 81:8 <b>companies</b> 24:12 <b>compared</b> 55:3 <b>comparison</b> 54:20 <b>competition</b> 18:8 58:16 <b>competitive</b> 74:4 <b>competitively</b> 14:15 <b>complained</b> 77:22 <b>complaining</b> 78:7 <b>complaint</b> 80:15 <b>complaints</b> 79:18 79:20 <b>completed</b> 36:4 <b>completely</b> 17:15 17:19,21 <b>complicated</b> 26:16 <b>comprehensive</b> 35:5 49:1 <b>concern</b> 31:21 50:12 81:13 <b>concerned</b> 40:17 44:15 69:8,12 <b>concerns</b> 19:20 <b>concluded</b> 82:16 <b>conclusion</b> 14:6 <b>condemn</b> 69:22 <b>conditions</b> 56:22 62:3 <b>conduct</b> 67:6 <b>conducting</b> 24:18 <b>confirm</b> 39:21 <b>conflict</b> 26:22 <b>Congress</b> 44:7 61:18 <b>Congresswoman</b> 31:18 32:2,4	<b>connect</b> 58:6 59:7 71:2 <b>connected</b> 71:12 <b>consequently</b> 16:4 <b>consider</b> 7:17 <b>consideration</b> 5:12 9:16 58:3 <b>considered</b> 30:15 <b>considers</b> 55:13 <b>consistent</b> 14:8 <b>consists</b> 53:19 <b>constituencies</b> 67:19 <b>constitutional</b> 3:9 14:7 15:1 <b>constitutionally</b> 22:18 <b>consult</b> 61:13 <b>consultation</b> 59:9 <b>consulted</b> 44:6 <b>consumer</b> 41:21 <b>contacts</b> 45:6 <b>contained</b> 24:22 <b>contemplating</b> 28:17 <b>content</b> 53:16 73:13 <b>contents</b> 4:22 <b>context</b> 15:6,20 28:17 <b>contexts</b> 25:10 <b>continue</b> 61:7,20 <b>continues</b> 41:4 <b>continuing</b> 36:22 <b>contracted</b> 50:3 <b>control</b> 61:4 <b>convene</b> 33:2,18 34:11 35:2 <b>convened</b> 1:8 10:3 32:21 <b>convening</b> 66:11 <b>conversation</b> 46:1 <b>Cook</b> 1:13 6:22 <b>coordinate</b> 34:6 <b>coordinating</b> 34:12 43:11 45:13 <b>copied</b> 5:4	<b>Copps</b> 1:22 47:11 47:13,19 62:22 <b>core</b> 57:21 <b>Corps</b> 43:6 <b>correct</b> 79:11 <b>cost</b> 67:15 71:1 <b>Counsel</b> 22:17 23:16 <b>Counsel's</b> 16:19 22:16 <b>country</b> 4:21 53:13 54:4,12 55:11,19 56:3 57:12 58:14 59:8 60:21 62:3 64:3,12 66:17 69:18 70:21 77:10 <b>couple</b> 41:8 63:6 69:7 75:22 <b>course</b> 18:11 53:18 64:12 74:6 <b>Covington</b> 16:7 <b>crazy</b> 35:22 <b>create</b> 78:16 <b>created</b> 59:3 <b>creating</b> 76:1 <b>creative</b> 48:11 <b>creativity</b> 59:4 <b>criteria</b> 25:13,14 <b>Critical</b> 58:18 <b>current</b> 77:12 <b>currently</b> 55:17 <b>cut</b> 79:19 <b>cycle</b> 76:11 <b>C-O-N-T-E-N-T-S</b> 3:1	<b>Davidson</b> 1:13 21:20,20 <b>day</b> 9:2,4 <b>DC</b> 1:9 62:11 <b>deal</b> 9:20 24:3 82:7 <b>decades</b> 49:19 <b>decade's</b> 62:12 <b>December</b> 8:5 9:11 9:12,16 82:6,13 <b>decisions</b> 60:6 <b>dedicated</b> 61:22 <b>default</b> 15:14 <b>definite</b> 28:1 <b>definitely</b> 28:4 <b>definition</b> 16:11 <b>definitive</b> 63:14 <b>delete</b> 29:20 <b>deliberations</b> 36:10 <b>delighted</b> 32:3 <b>demanded</b> 76:17 <b>demonstrates</b> 65:2 <b>dent</b> 55:9 <b>deny</b> 19:5 <b>Department</b> 6:16 7:21 24:15 25:15 25:17 26:21 27:11 77:20 <b>depending</b> 9:6 29:17 <b>deploy</b> 71:20 <b>deployed</b> 57:11 58:15 <b>deploying</b> 62:13 <b>deployment</b> 55:10 55:21 56:1,9 57:17,21 58:1 59:11 70:20 <b>Deputy</b> 2:1,2 <b>desert</b> 62:14 <b>Designated</b> 2:2 3:2 <b>designed</b> 39:9 <b>desperate</b> 67:9 <b>destiny</b> 57:15 <b>details</b> 69:20 <b>determinations</b> 17:8 <b>determine</b> 57:14	70:20 71:5 <b>develop</b> 14:10 78:6 <b>developed</b> 7:8 58:16 <b>developing</b> 16:13 72:5,14 <b>development</b> 32:21 58:7 60:9 <b>developments</b> 32:18 52:1 <b>devices</b> 69:5,16 73:13 <b>devoting</b> 23:10 <b>dial</b> 20:13 <b>Diane</b> 1:18 3:8 11:4 13:14,22 40:4 45:1 47:5 78:22 81:21 <b>Diane's</b> 13:17 <b>Diego</b> 62:14 <b>difference</b> 29:2 57:22 60:10 <b>different</b> 61:21 64:6 65:18 70:2 70:15 80:3 <b>differently</b> 22:12 <b>difficult</b> 36:2 <b>difficulties</b> 37:11 <b>digital</b> 1:4 4:7 60:21 64:18 <b>dilute</b> 15:11 <b>dint</b> 17:13 <b>direct</b> 75:18 <b>directly</b> 41:19 62:22 <b>director</b> 2:5,14 3:17,18 40:19 52:13,14 75:14 <b>disadvantage</b> 17:12 18:10 <b>disadvantages</b> 17:5 18:9 <b>disappointed</b> 16:1 <b>disconnect</b> 27:19 <b>discrimination</b> 18:12 <b>discuss</b> 39:1
---	---	---	---	--

**discussing** 27:2  
**discussion** 26:3  
**discussions** 27:7  
 38:19  
**distinguished** 5:14  
**distributes** 53:22  
**diverse** 16:14 18:3  
 37:19  
**diversity** 1:3 3:5  
 4:7 8:4 15:12,12  
 18:3 32:22 33:3,6  
 33:14 34:1,21  
 35:11 36:8 42:4  
 45:3 48:1 53:10  
**divested** 24:12  
**divesting** 6:18  
**divestiture** 6:14  
 28:16  
**divestitures** 7:6,13  
 7:19 24:13 25:3  
 26:20 29:10,11,22  
**division** 11:18  
 79:13  
**document** 17:11  
 63:17,19 65:19  
 71:16  
**documented** 19:19  
 66:15  
**doing** 32:12 35:4  
 38:17 44:1 48:13  
 51:1 63:11 64:2  
 75:3 79:3  
**DOJ** 27:3  
**download** 71:16  
**downstairs** 48:2  
**drive** 7:10  
**driven** 57:18  
**due** 69:13  
**D'Alene** 64:17

---

**E**


---

**earlier** 7:7 28:20  
 32:21  
**early** 29:6 30:22  
**easily** 26:14  
**easy** 47:2 65:20  
**ecology** 60:4

**economic** 57:15  
 58:6 59:4 60:8  
 71:4  
**economies** 69:15  
**economy** 71:21  
**educate** 7:17  
**education** 15:6  
 58:7  
**educational** 25:11  
**EEO** 11:20  
**effect** 19:2  
**effective** 12:2,22  
**effectively** 42:12  
**efficiency** 71:20  
**efficiently** 24:20  
**effort** 7:3 17:13  
 43:3,13  
**efforts** 6:21 12:6  
 17:17,22 63:9  
**either** 24:14  
**eleven** 46:14  
**eligible** 61:12 66:5  
**Eliot** 80:7  
**ELOISE** 2:4  
**email** 4:21 10:5  
 12:19  
**emailed** 4:17  
**emphasis** 17:6  
**employment** 50:21  
 71:4  
**enable** 14:11  
**encapsulating**  
 68:10  
**encountered** 37:12  
**encourage** 6:19  
 29:5 74:14  
**encouraged** 48:6  
**endeavors** 65:3  
**Enforcement** 81:2  
**engage** 16:5  
**engaged** 82:10  
**engaging** 27:7  
**enhanced** 14:12  
 56:11,12  
**enlist** 12:3  
**enlisted** 43:19  
**ensured** 18:6

**ensuring** 24:10  
**enter** 24:13  
**entertain** 62:7  
**entire** 11:9 81:11  
**entirely** 12:21  
**entities** 6:18 7:18  
 12:11 72:20  
**entitlement** 17:9  
 19:3  
**entrants** 6:19  
**entrepreneurs**  
 38:20  
**equal** 19:20 50:21  
**equally** 56:20  
**equity** 37:2  
**erected** 65:10  
**especially** 61:22  
**essence** 64:8  
**essentially** 25:1  
**establish** 54:8,10  
**establishing** 58:6  
 61:14  
**establishment** 59:5  
**etcetera** 64:8  
**evaluate** 70:17  
**evaluating** 72:3  
**event** 37:17  
**Everett** 1:14 21:7  
 21:13,13,22,22  
**everybody** 25:21  
 26:1 32:16 36:20  
 39:19  
**Everything's** 4:17  
**evidence** 19:5  
**evolves** 68:18  
**ex** 67:5  
**exactly** 50:1  
**examine** 34:1  
**examining** 34:8  
**example** 15:13 19:5  
 26:19 69:8 74:8  
**excellent** 68:9  
**excited** 33:17 41:15  
 42:19  
**exciting** 24:2  
**exclusion** 69:9  
**Executive** 3:17

52:12  
**Executives** 43:7  
**exemplars** 63:10  
**exemplary** 66:20  
**exemplify** 67:22  
**exist** 70:18  
**existing** 70:6,19  
**expanded** 18:7  
**expectation** 39:8  
**expedition** 28:22  
**expeditious** 33:16  
**experience** 62:12  
**experienced** 17:11  
 18:11 62:15  
**experiences** 18:14  
 18:16 27:16  
**expert** 40:9  
**expertise** 16:6  
**expires** 9:11  
**express** 48:9  
**extraordinarily**  
 5:11  
**extreme** 69:2  
**extremely** 23:10  
 40:7  
**e-rate** 61:11 66:2,5  
 66:8

---

**F**


---

**Fabulous** 53:5  
**face** 56:8 73:20  
**facilities** 12:11  
 53:15  
**facing** 68:11  
**fact** 17:16,20 57:13  
 66:10 81:11  
**factors** 61:3  
**failed** 59:1  
**fair** 18:6 79:8  
**fairly** 35:21  
**fall** 4:6 34:11 79:13  
**fallow** 49:16  
**familiar** 4:18 19:14  
**families** 52:4 59:18  
 61:7  
**far** 40:17 63:4 64:7  
 64:10 66:19

**fashion** 27:3  
**Fasthorse** 64:16  
**favor** 31:13  
**FCC** 1:8,20 2:1 3:2  
 7:9,16,22 8:20  
 24:14,18 25:9,16  
 29:16 34:9 42:3  
 42:11 61:21 63:5  
 65:21 66:9 67:21  
**FCC's** 66:19  
**features** 38:10,16  
**February** 11:21,22  
**federal** 1:1 2:1,2,2  
 3:3 58:20 59:1  
 61:4  
**feedback** 23:1  
**fellow** 48:14  
**female/minority**  
 49:2  
**fester** 78:15  
**fewer** 15:20,21  
**fiber** 71:9,10  
**field** 73:1  
**figure** 42:4 71:1  
 73:12 76:4  
**file** 15:5,16 16:8  
 49:4,6  
**files** 80:9  
**finally** 67:20  
**financial** 56:3  
**financiers** 76:17  
**financing** 39:12  
**find** 14:8 16:2  
 20:21 23:3 49:13  
 59:10 70:18,21  
 72:20  
**fine** 11:3  
**firm** 16:5  
**first** 26:13 32:20  
 39:22 42:19 45:2  
 47:20 65:13 67:1  
**first-hand** 62:15  
**fiscal** 35:5  
**five** 64:14  
**fix** 13:8  
**Fleming-Williams**  
 2:2 22:5,6

**floor** 26:6 32:12  
**focus** 68:16  
**focused** 68:22  
**fold** 36:13  
**folks** 63:6 65:7  
 74:22  
**Following** 51:21  
**foray** 67:8  
**force** 12:20 32:22  
 33:4,6 34:1 35:11  
 36:8 45:3 46:7,17  
 66:12  
**forces** 11:8  
**forever** 49:11  
**forfeiture** 77:17  
**forgotten** 47:22  
**formal** 27:2 28:3,3  
**formation** 36:21  
**formations** 46:6  
**former** 75:13  
**forth** 23:16 73:16  
**fortunate** 52:7  
**forum** 11:20 13:20  
**forward** 8:6 13:3  
 26:11 33:21 34:20  
 35:18 37:14 42:15  
 42:22 43:1 50:8  
 51:6 62:21 63:4  
 67:4 68:5  
**found** 57:17 64:3  
**Foundation** 2:15  
 3:19 52:15 57:5  
**founding** 66:12  
**four** 66:22  
**frame** 34:14  
**frankly** 79:18  
**friendly** 30:4  
**front** 4:15 34:17  
 50:22  
**fronted** 40:8  
**fruit** 65:14  
**FTC** 56:10  
**full** 15:5,16 16:8  
 49:4,6  
**fully** 35:14  
**fund** 52:21 55:14  
 59:14 61:15 66:1

**funding** 30:10,19  
 34:12 40:16 46:7  
 55:11  
**further** 67:9  
**future** 50:14 70:4

---

### G

---

**gain** 69:15  
**gamut** 38:13  
**GAO** 55:3 62:2  
**gather** 48:5  
**Genachowski** 63:2  
**gender** 15:12 18:12  
**General** 16:19  
 22:16,17 23:16  
**generally** 19:16  
**Geoffrey** 62:19  
 75:13  
**getting** 30:9  
**give** 32:17 55:21  
**given** 34:12  
**glad** 8:22 32:7  
**go** 5:8 10:7 16:22  
 19:8 30:19 55:12  
 77:15  
**goal** 24:17  
**goals** 72:7  
**God** 48:3  
**going** 9:5 12:9,13  
 19:17 20:7 22:18  
 23:17 27:1,5  
 34:15,20 35:20  
 36:3 42:22 45:11  
 48:6 49:11,20  
 51:18 52:6,19  
 54:14 56:20 60:4  
 60:19 61:6,9 62:5  
 62:13 65:15 68:3  
 69:20 71:2,9,19  
 73:9 79:20  
**good** 4:3 6:11 8:17  
 13:4 26:13 29:8  
 30:2 32:16 46:9  
 48:8,20 49:8,10  
 53:6,6  
**Google** 21:21  
**GORE** 2:4

**gotten** 23:1 80:13  
**government** 70:17  
**governments** 61:14  
 72:12  
**grant** 37:12  
**grateful** 23:12  
**great** 15:17,18  
 17:17 24:3 31:4,5  
 31:11,17 41:5  
 47:1,4 53:1 62:8  
 66:9 75:16  
**greater** 8:7  
**Grimaldi** 8:20  
**ground** 57:19  
 60:11 61:7 62:16  
 63:18  
**group** 3:6 6:4 17:10  
 32:11 33:2,13,18  
 34:7,11,17 35:1  
 35:13 40:20 42:14  
 45:4 47:12 75:20  
**groups** 41:12,21,22  
 41:22 42:6,12  
 44:2,14 81:8  
**GSM** 74:16 75:4  
**guess** 5:7 29:7  
 41:17 50:16 68:12  
 70:3 73:19 80:2  
**guidelines** 7:20  
**guru** 40:6  
**Gutierrez** 2:12  
 21:17,17  
**guys** 4:12,22 10:13  
 21:5 22:8  
**guy's** 78:12

---

### H

---

**half** 9:2,4 55:6  
 62:11  
**half-million** 54:3  
**hand** 62:5  
**hang** 13:9  
**happen** 12:16  
 70:16 77:7  
**happening** 63:18  
 69:4  
**happy** 5:20,22 62:6

**hard** 23:10 54:8  
 69:21  
**harmonization**  
 28:8  
**harmonized** 27:22  
**harvest** 51:6,8  
**Hawaiians** 53:13  
**health** 60:7,9  
**hear** 13:7,7 49:7  
 63:21  
**heard** 9:6 13:16  
 47:20 65:8 69:10  
**hearing** 48:7  
**heed** 13:18  
**held** 11:21 79:15,15  
 79:17 80:4,20  
**help** 12:22 17:19,21  
 19:12 42:2 43:20  
 46:11 54:9 81:19  
**helpful** 16:12 36:18  
 45:20 48:12 79:7  
**helping** 12:15  
 71:20 81:19  
**Henry** 1:9,12 3:5  
 3:21,22 5:15 6:7  
 36:12 53:8  
**Hi** 21:5  
**hiding** 78:10  
**high** 23:13 62:13  
**higher** 64:10  
**highly** 18:5  
**highway** 53:22  
**Hill** 8:22  
**historic** 59:1  
**historically** 58:15  
**hold** 80:10  
**Holdings** 2:9  
**home** 61:9  
**hone** 42:2  
**Honig** 1:14 3:10  
 9:14 14:3  
**hope** 11:19 12:7  
 13:15 16:19 19:18  
 49:8,8 50:8 53:20  
 69:3  
**hopeful** 34:6,10  
 35:12 40:13

**hopefully** 9:21 23:3  
 37:15 39:22 52:22  
 54:15 61:1  
**Hopi** 71:8  
**hoping** 10:2 40:11  
 59:7  
**hopping** 8:15  
**host** 7:22  
**hosting** 7:17  
**hot-button** 37:9  
**households** 55:1  
**how-do-we** 76:22  
**how-do-we-make**  
 77:6  
**hubs** 71:3  
**huge** 57:10,22  
**human** 72:21  
**hundreds** 76:10

---

### I

---

**idea** 39:2 45:5  
**identified** 18:17  
**identify** 10:9,18  
**impact** 15:11 55:15  
**implement** 12:10  
 24:18 67:1  
**implementation**  
 59:22  
**implemented** 24:19  
**implementing**  
 11:11 65:11  
**implications** 75:5  
**importance** 56:10  
**important** 18:4  
 24:9 26:11 30:8  
 30:17 31:1 32:20  
 49:15 56:21 57:3  
 57:7,16,21 61:10  
 61:12 66:2,3 73:9  
**importantly** 39:9  
**improve** 6:13  
**improvements** 7:12  
**impunity** 78:2  
**inadvertently**  
 20:11  
**include** 4:16 58:12  
 60:13

<b>includes</b> 56:11	78:2	80:5	69:19,21 71:8	<b>libraries</b> 66:7
<b>including</b> 53:13	<b>insight</b> 6:12		73:4 74:3,3,14,21	<b>license</b> 7:14 76:8,9
69:17	<b>instance</b> 71:8	<b>J</b>	78:12,15	76:10,15,18,20
<b>inclusion</b> 60:12	<b>Institute</b> 2:15 3:19	<b>James</b> 1:19 2:7	<b>known</b> 79:19	<b>licenses</b> 25:7,13
<b>inconvenience</b> 21:1	52:15	21:16	<b>Kravetz</b> 63:8	74:15
<b>incorporate</b> 28:6	<b>institution</b> 53:12	<b>JAMILA</b> 2:1	<b>Kreisman</b> 2:2 3:2	<b>licensure</b> 74:10
<b>increase</b> 59:20	<b>institutions</b> 57:20	<b>Jane</b> 1:15 28:11	4:3 10:12,16,20	<b>life</b> 34:19
<b>incredibly</b> 63:13	59:18 66:5 71:3	29:8 30:8 81:5	11:3 13:5 20:7	<b>lifeline</b> 56:11
64:4,19 66:2	<b>interest</b> 41:12,21	<b>JENNY</b> 1:12	21:5,9,12 22:7	<b>likelihood</b> 45:12
<b>indecenty</b> 79:17	<b>interested</b> 7:18	<b>Jim</b> 26:8 75:21	79:10 80:22	<b>limited</b> 56:3 58:13
80:5,15	31:20 81:18	79:5	<b>Kwan</b> 63:8	<b>line</b> 10:12,22 30:7
<b>Indian</b> 4:21 54:12	<b>interesting</b> 77:9	<b>JOAN</b> 1:16	<b>L</b>	73:2
55:10 57:12 58:14	<b>interim</b> 14:5	<b>job</b> 42:11	<b>lack</b> 79:16	<b>linkup</b> 56:12
60:21 62:3 64:3	<b>internally</b> 50:2	<b>John</b> 16:7	<b>laid</b> 67:4	<b>list</b> 45:3
64:12 66:17 69:17	<b>internet</b> 4:20 54:6	<b>JOHNSON</b> 1:15	<b>lands</b> 3:16 55:1	<b>LISTA</b> 44:7
70:20	57:6 64:3,8 66:16	<b>join</b> 8:12 72:19	56:2,18 58:19	<b>listen</b> 47:14 51:11
<b>Indians</b> 44:7 61:18	<b>introduce</b> 31:18	<b>joined</b> 31:18	59:2,22 60:16	<b>listeners</b> 54:3
<b>indicated</b> 9:10	51:18	<b>Joint</b> 21:22 60:15	66:6 70:7 74:18	<b>listen-only</b> 20:11
<b>individual</b> 17:7	<b>INTRODUCTION</b>	<b>Jonathan</b> 23:6	<b>larger</b> 81:7	<b>little</b> 22:12 43:3
<b>individualized</b> 17:8	3:4	<b>Josh</b> 48:1	<b>largest</b> 55:7	49:9 54:22 55:5,9
<b>industry</b> 81:12	<b>invest</b> 72:20 73:7	<b>journalism</b> 50:14	<b>large-scale</b> 64:19	63:15 81:16
<b>infancy</b> 75:7	<b>investigation</b> 80:8	53:17	75:4	<b>local</b> 70:18
<b>inform</b> 7:6 42:13	<b>investment</b> 58:20	<b>journey</b> 14:6	<b>Lastly</b> 8:3	<b>locations</b> 65:18
<b>information</b> 4:15	<b>investors</b> 19:9	<b>jurisdiction</b> 12:12	<b>latency</b> 71:14	<b>long</b> 14:6 31:20
6:17 7:12 11:14	<b>invitation</b> 39:16	<b>Justice</b> 2:11 6:17	<b>Latino</b> 44:4,8	51:1 55:12 72:16
12:19 13:17,19	<b>invited</b> 37:1,22	7:21 22:3 24:15	<b>Laughter</b> 4:11 6:9	<b>longer</b> 78:5
25:3,6 29:6 30:12	<b>inviting</b> 37:5 53:10	25:15,17 27:11	13:11 48:4	<b>long-needed</b> 67:2
39:20 40:1 44:8	<b>invoke</b> 16:1	77:20	<b>launch</b> 40:12,14	<b>long-term</b> 49:1
60:4,6,8 71:17	<b>involved</b> 31:7	<b>Justice's</b> 26:21	<b>Lauren</b> 63:8	65:3
<b>infrastructure</b>	<b>involvement</b> 58:20	<b>K</b>	<b>law</b> 19:19	<b>look</b> 16:8 34:18
56:17 57:11 58:13	<b>issue</b> 9:20 24:10	<b>keep</b> 10:10 51:5,5	<b>lay</b> 67:2	35:17 42:21 68:5
58:14,18 67:14	26:11 34:4 37:8,9	<b>key</b> 62:20 69:7 72:4	<b>leaders</b> 41:16,18,21	73:11
<b>inherent</b> 18:19	44:6 66:17 76:5	<b>kind</b> 23:1 33:7 46:1	59:8	<b>looking</b> 5:9 8:5
19:11	76:21,22 77:2,7	48:14 50:16 63:11	<b>Leadership</b> 46:15	11:21 16:4,6
<b>inhibited</b> 18:13	77:17 81:4,10	<b>kinds</b> 16:6 60:10	<b>League</b> 44:10	33:21 34:9,14
<b>inhibiting</b> 18:17	82:8	78:14	<b>learn</b> 12:8	37:14 42:15 60:3
<b>initial</b> 36:5 67:8	<b>issues</b> 3:8,9,11 5:4	<b>knew</b> 22:8	<b>leave</b> 68:3	64:21,22 70:5
<b>initiative</b> 13:15	7:1 11:7 12:21	<b>know</b> 4:9 10:5 11:7	<b>legacy</b> 55:16	75:16
43:9	14:7 16:6 27:2	12:5,18 22:22	<b>legitimacy</b> 78:6	<b>Loretta</b> 2:18 21:19
<b>initiatives</b> 33:11	34:8,12 40:16	25:16 26:2 28:7	<b>legitimate</b> 78:16	<b>Loris</b> 2:20 3:17
34:2,20 67:22	42:2,20 44:14	29:16 33:19 35:3	<b>Leonie</b> 2:10 22:2	21:14 52:9,11,19
<b>innovation</b> 7:10	46:8 50:7,11 56:2	35:6 36:20 37:7	<b>letter</b> 80:14	53:2 62:9 65:22
<b>innovative</b> 64:19	56:6,7 59:10	37:18 39:5 40:7	<b>let's</b> 11:20 74:5	68:8,14 70:12
74:15 75:3	62:21 63:1 71:14	41:4 42:10 43:2	<b>level</b> 60:11 73:1	74:1
<b>input</b> 35:11 36:6	71:22 72:1 73:9	44:2 45:6 46:18	81:13	<b>losing</b> 16:3
50:17	73:19 76:1 78:14	50:10 60:21 61:5	<b>leverage</b> 7:11	<b>lot</b> 6:7 23:15 36:1
<b>inside</b> 42:9 62:10	78:21 79:2 80:1,3	64:1 65:22 66:3		38:11 48:6,15,17

48:18 57:1 62:20 63:9 65:18 68:1 73:21 74:11,13 <b>lovely-looking</b> 4:19 <b>low-hanging</b> 65:13 <b>LUCEY</b> 2:13 <b>LULAC</b> 44:10 <b>luncheon</b> 41:18 <b>luncheons</b> 41:13,15 42:16,20,21,22 <b>lying</b> 49:16,16	<b>measure</b> 60:3 <b>measures</b> 15:1 <b>media</b> 2:4,19,20 3:8,15,17 4:20 5:3 11:6,18 12:21 40:19 46:8 52:13 53:11 54:8 57:4,5 57:15 61:17 64:2 64:8 66:16 70:13 <b>meet</b> 38:20 41:19 <b>meeting</b> 1:8,9 4:6 5:8 6:12 9:9,12,19 9:21 10:6 19:18 23:7 24:9 27:9 35:20 36:1 48:2 51:22 69:3 72:12 82:5,12 <b>meetings</b> 41:10 42:1 <b>Meinrath</b> 2:14 3:18 52:8,18 58:10 62:8 69:1 73:17 <b>member</b> 60:14 75:14 79:6 <b>members</b> 1:11 4:4 6:10,22 8:11 12:3 25:5,11 39:15 46:17 53:9 55:6 <b>membership</b> 17:9 <b>memorandum</b> 19:19 27:10 28:14 <b>MENDEZ</b> 1:17 <b>mention</b> 75:12 <b>mentioned</b> 24:21 59:15 65:22 74:1 <b>mentoring</b> 38:16 43:6 <b>merger</b> 28:18 <b>merit</b> 24:3 <b>messages</b> 66:22 <b>met</b> 24:16 32:19 72:8,15 <b>methodology</b> 14:11 <b>meticulously</b> 19:21 <b>metropolitan</b> 69:13 <b>mettle</b> 17:14 <b>MICHAEL</b> 1:22	<b>microphones</b> 69:14 <b>MIGNON</b> 1:21 <b>mile</b> 71:22 <b>mind</b> 50:1 <b>mindful</b> 39:4 <b>mine</b> 36:1 <b>minorities</b> 8:8 24:10 30:14 31:7 77:10 <b>minority</b> 41:11,22 43:20 44:13 76:12 77:11 81:8 <b>minutes</b> 10:10 20:8 20:19 32:17 71:15 <b>mirrors</b> 53:16 <b>mission</b> 33:8 <b>MMTC</b> 16:5 35:20 36:6,10 <b>mobile</b> 73:12,13,14 <b>models</b> 65:1 <b>modify</b> 29:9 <b>moment</b> 9:22 50:4 <b>momentum</b> 66:21 <b>monetarily</b> 72:20 <b>month</b> 7:7 32:22 36:16 41:10 <b>monthly</b> 76:17,19 <b>months</b> 51:9 <b>motion</b> 26:5 28:4 31:16 <b>MOU</b> 28:2 <b>move</b> 13:3 29:20 49:4 50:8 56:18 <b>moves</b> 68:17 <b>moving</b> 26:10 51:6 51:10 62:20 63:3	<b>nation-building</b> 59:16 <b>native</b> 2:20 3:17 52:12,13,21 53:11 53:12,13,15 54:1 54:3,7,10 55:18 57:4 59:2,6 61:17 61:22 66:12 68:10 70:12 73:14 75:15 <b>nature</b> 19:2 <b>Navajos</b> 55:7 <b>NCAI</b> 44:6 <b>NCTA</b> 2:7,18 21:16 21:19 <b>necessarily</b> 66:6 <b>necessary</b> 14:20,22 50:18 60:8 69:16 71:18 <b>need</b> 17:18,21 25:22 30:5,21 33:7 51:10 60:6 61:8 65:14 67:1,6 67:9,11,20 70:17 <b>needs</b> 55:15,18 60:5 65:12 70:16 72:12 <b>network</b> 50:13 53:19 74:5 <b>networking</b> 40:12 <b>networks</b> 58:6 64:20 65:11 75:4 <b>never</b> 69:15 80:13 80:18 <b>new</b> 2:15 3:15,19 3:21 4:20 6:19 7:9 8:21 16:21 19:15 40:19 52:15 53:17 57:5,5 59:6 61:22 64:2,7 66:16 75:15,19 76:9 80:8 <b>newly-constituted</b> 25:4 <b>news</b> 41:6 80:19 <b>newspaper</b> 78:8 <b>nice</b> 47:16 <b>non-competitively</b>	14:14 <b>non-tribal</b> 72:19 <b>normally</b> 22:13 <b>norms</b> 64:10 <b>notice</b> 22:11 <b>November</b> 36:20 39:19 <b>NTIA</b> 37:5,15 <b>number</b> 11:7 18:15 20:13,17 37:1 41:20 42:16,22 43:20 44:11 46:16 61:16 66:4 73:22
<hr/> <b>M</b> <hr/>				<hr/> <b>O</b> <hr/>
<b>MAGO</b> 1:15 28:12 29:12 30:1 81:9 <b>making</b> 19:17 25:18,19 55:9 56:4 58:5 59:17 59:20 60:1,15,17 61:12 62:1 71:22 72:6,22 <b>man</b> 53:3 <b>Managing</b> 40:19 <b>mandated</b> 7:13 25:2 28:15 29:9 <b>mandatory</b> 29:21 <b>manner</b> 77:2 <b>map</b> 66:6 70:17 <b>mapping</b> 71:19 72:3 <b>market</b> 37:4 43:17 58:16 74:4 <b>MARSH</b> 1:16 <b>Matt</b> 64:17 <b>matter</b> 21:3 48:19 82:16 <b>matters</b> 48:16 <b>maximize</b> 43:16 <b>mayor</b> 78:9 <b>mayor's</b> 78:11 <b>mean</b> 30:21 31:6 38:12 70:3,9 71:14 74:18 <b>meaning</b> 57:18 <b>meaningfully</b> 67:21 <b>means</b> 15:6 17:7 <b>meant</b> 56:15				<b>objectives</b> 26:21,22 27:13,21 72:7 <b>observation</b> 81:9 <b>observing</b> 32:5 <b>obviously</b> 34:18 47:22 73:11 <b>OCBO</b> 22:6 33:8 34:5 35:4 36:4 42:13 <b>October</b> 35:14,19 36:3 40:1 45:10 45:16 <b>offer</b> 38:10 46:19 <b>offering</b> 44:13 <b>office</b> 2:5 3:13 16:19 22:16 27:18 33:1 34:3 35:12 36:7 40:18,21 54:10 59:6,7 61:22 66:12 75:15 75:18 <b>Officer</b> 2:1,2,3 <b>offices</b> 27:19 33:10 <b>Official</b> 3:3 <b>oh</b> 10:8,8 48:3 <b>okay</b> 10:16 11:2,3 13:12 21:5,12 22:9 45:9 46:22 52:11 <b>old</b> 9:2,4 <b>once</b> 22:16 39:21 <b>ones</b> 73:6 80:4
		<hr/> <b>N</b> <hr/>		
		<b>NALCAB</b> 44:3 <b>name</b> 17:4 <b>names</b> 12:4 <b>narrowed</b> 16:10 <b>nation</b> 58:17 <b>national</b> 43:10 44:3 44:7,9 55:4 61:18 64:7,10 65:16 66:11		

<b>one-on-one</b> 38:18	<b>overturn</b> 16:3	<b>persons</b> 27:12	<b>possessed</b> 48:15	<b>principles</b> 14:9
<b>ongoing</b> 42:18 43:4 67:6	<b>overview</b> 54:15	<b>person's</b> 18:18	<b>possibility</b> 24:1	57:8
<b>online</b> 7:9	<b>owners</b> 38:20	<b>petitions</b> 19:5	<b>possible</b> 12:2 13:1 29:7 41:3 53:1	<b>prior</b> 43:8
<b>on-the-ground</b> 67:7,22	<b>ownership</b> 49:3	<b>Phoenix</b> 72:16	<b>potential</b> 15:17 30:9	<b>prioritization</b> 69:14
<b>open</b> 2:14 3:18 10:13,14,22 49:11 50:13 52:14	<b>owning</b> 31:8	<b>phone</b> 4:22 10:8,9 10:9,12,18,19,21 13:6,9,16 20:6,9 20:13 52:10 74:4	<b>poverty</b> 18:15 58:22	<b>priority</b> 54:9 65:21
<b>OpenBTS</b> 75:2	<b>P</b>	<b>picked</b> 13:3	<b>power</b> 57:13	<b>private</b> 37:2,2 38:21 72:15
<b>OPENING</b> 3:2	<b>packet</b> 4:14 11:16 26:1	<b>picture</b> 78:12	<b>practice</b> 28:6	<b>pro</b> 23:13
<b>operating</b> 77:10 78:1	<b>page</b> 67:4	<b>piece</b> 31:1	<b>practices</b> 12:8 37:7 59:17 68:1	<b>probably</b> 9:9 36:13 54:18
<b>opportunities</b> 2:5 3:13 25:11 37:18 37:20	<b>panel</b> 38:19	<b>pioneered</b> 64:18	<b>preaching</b> 51:15	<b>problem</b> 65:8 77:8 80:12,21
<b>opportunity</b> 12:8 18:7 30:14 49:10 50:21,22 61:20 72:18	<b>panelists</b> 38:2 39:22	<b>pirate</b> 77:7 78:3 81:4	<b>precisely</b> 16:10	<b>problems</b> 26:19 49:2 68:10 76:1 78:16
<b>opposed</b> 17:19 31:15	<b>part</b> 57:10 65:16	<b>pirates</b> 77:9,14,22 78:1,7	<b>predictive</b> 15:9 16:15 17:13 18:1	<b>procedure</b> 14:10 15:22 19:1 20:2
<b>optimism</b> 69:3	<b>parte</b> 67:5	<b>place</b> 17:1 33:20 50:11 60:20	<b>preference</b> 15:13 16:21 17:6 19:4 19:16	<b>procedures</b> 6:14
<b>optimistic</b> 8:3 9:7 40:7 51:8	<b>partially</b> 17:18	<b>placed</b> 65:17	<b>preferences</b> 17:1	<b>proceed</b> 22:13
<b>option</b> 74:20	<b>participants</b> 39:5	<b>places</b> 72:14	<b>prepare</b> 37:19	<b>proceeding</b> 22:12
<b>order</b> 6:20 12:1 28:21 39:12 69:20 69:22	<b>participate</b> 37:10 46:18	<b>plan</b> 30:10,20 39:12 43:10 65:15 65:16	<b>preparing</b> 45:10	<b>process</b> 7:19 14:18 16:17 19:6 25:12 25:18 26:11 27:2 28:4,19,20 29:2,7 30:18 31:7 33:15 37:11,13 59:22 61:19 77:16
<b>organization</b> 11:13	<b>Participating</b> 2:22	<b>planning</b> 59:19,21	<b>present</b> 1:11,20 2:1 2:6 5:19 18:22 39:11 43:8	<b>produce</b> 18:3
<b>organizations</b> 12:5 43:20,21	<b>participation</b> 8:8 18:7 34:5,8,18	<b>plans</b> 39:1 72:11	<b>presentation</b> 3:15 5:5 19:17 51:19 52:20 53:3 54:16 68:9	<b>program</b> 12:17 46:15 58:2 60:17
<b>organized</b> 41:14	<b>particular</b> 12:18 22:14 48:19 50:12 60:22 68:20 75:1	<b>platforms</b> 53:18 73:12	<b>presenters</b> 46:12 46:14	<b>programming</b> 53:16 54:1
<b>organizing</b> 41:10	<b>particularly</b> 7:7 33:7 68:21	<b>playing</b> 73:1	<b>presenting</b> 16:20	<b>programs</b> 12:5 55:16 56:11,14,15 56:19
<b>originally</b> 65:15	<b>partnerships</b> 72:15	<b>plea</b> 13:17	<b>presiding</b> 1:10	<b>progress</b> 34:17 41:4
<b>ought</b> 79:3	<b>Patrick</b> 2:17,17 21:11,11	<b>pleasure</b> 31:17	<b>pressure</b> 6:7 51:5	<b>project</b> 40:3 75:2
<b>outlined</b> 19:16	<b>pause</b> 20:19	<b>point</b> 28:12,19 29:8 57:2 74:21	<b>presumption</b> 19:3	<b>projector</b> 53:4
<b>outside</b> 4:10 42:5,8 43:2 62:14	<b>pay</b> 77:18	<b>pointed</b> 27:14 63:10	<b>presumptive</b> 17:9	<b>projects</b> 75:1
<b>overall</b> 40:21	<b>payola</b> 80:6,16	<b>points</b> 31:3 67:4	<b>pretty</b> 79:18	<b>promising</b> 75:9
<b>overcame</b> 17:14,17	<b>pencils</b> 4:16	<b>policies</b> 59:1 72:6	<b>prevent</b> 65:10 67:12,16	<b>promote</b> 8:7 56:16
<b>overcome</b> 17:15,19 17:20,22 19:12,22	<b>pending</b> 7:14 48:16 76:11 79:17	<b>policy</b> 53:18 54:11 59:6 61:16 66:13 76:22 79:19	<b>prevents</b> 74:10	<b>properly</b> 10:11
<b>overcoming</b> 17:5,6	<b>people</b> 10:21 12:8 20:9 46:13 56:5 57:19 59:2 60:5,6 61:6 63:10 64:16 65:4 67:17	<b>Polk</b> 2:18 21:19,19	<b>previous</b> 26:20	<b>properties</b> 24:12
<b>overhang</b> 15:21	<b>percent</b> 55:4 64:14	<b>pool</b> 14:12 15:7 18:3	<b>pre-qualification</b> 19:1	<b>proposal</b> 5:2
<b>overhaul</b> 55:14	<b>percolated</b> 42:21	<b>position</b> 29:4 42:7 43:17	<b>primarily</b> 38:15 47:14 61:2	<b>proposed</b> 17:4
<b>oversight</b> 58:21	<b>perfectly</b> 15:19	<b>positive</b> 13:4		
	<b>period</b> 29:17 66:14	<b>positives</b> 28:7		
	<b>periods</b> 59:1			
	<b>person</b> 17:10 19:6			

<b>protection</b> 19:20	<b>quite</b> 73:14 74:22	<b>receiving</b> 8:6	<b>relevant</b> 7:20	<b>resource</b> 14:22
<b>prove</b> 14:21		<b>recognition</b> 57:9	<b>reliance</b> 73:22	46:9
<b>provide</b> 7:12 12:4	<b>R</b>	<b>recognizes</b> 57:20	<b>remains</b> 58:13	<b>resources</b> 7:5 12:3
18:19 25:10 46:12	<b>race</b> 18:11	<b>recommendation</b>	<b>remember</b> 23:8	56:4 67:17 72:21
<b>providers</b> 72:10	<b>race-conscious</b>	9:14,22 18:21	71:15	<b>respect</b> 79:11 81:4
73:3,5	14:22	22:14 23:5,18	<b>remiss</b> 51:2 62:19	<b>respectively</b> 17:1
<b>provides</b> 33:6	<b>racial</b> 15:12	24:2 25:1,20 31:5	<b>remove</b> 67:11	<b>responsible</b> 81:3
72:18	<b>radio</b> 25:7 53:19	<b>recommendations</b>	<b>renew</b> 8:4 19:7	<b>result</b> 7:13 16:3
<b>providing</b> 6:17	77:7,11 78:3 81:4	5:10 7:2 8:6	<b>renewal</b> 76:18,20	18:8 55:11
70:8	<b>Ralph</b> 1:14 21:7,13	11:10 16:8 24:22	<b>renewals</b> 76:8,9,10	<b>results</b> 36:10 64:4
<b>provision</b> 64:20	21:22	33:13 34:2,20	79:13,14,21 80:11	<b>resumed</b> 21:4
<b>public</b> 2:20 3:17	<b>Rantanen</b> 64:17	35:6,8,15 36:5,14	80:20	<b>Retired</b> 43:7
7:6 25:5,12 41:12	<b>rapidly</b> 63:4,4	45:15 50:7 61:17	<b>renewed</b> 9:7 76:14	<b>review</b> 3:4 7:14
41:21 52:13 53:11	<b>rate</b> 55:4	68:20 72:13	<b>repeat</b> 20:15	15:5,16 16:8 36:5
53:18 54:7 57:4	<b>rates</b> 64:7,9 65:4	<b>reconstitute</b> 65:14	<b>report</b> 5:3 9:15	49:4,6 50:15
58:7 60:7 61:17	<b>Ray</b> 21:17	<b>record</b> 21:3	14:5 22:10 32:18	<b>revision</b> 61:11
70:12 72:14	<b>RAYMOND</b> 2:12	<b>redesign</b> 40:5	35:2,5,10,13	<b>re-chartered</b> 12:14
<b>purpose</b> 42:1,17	<b>reach</b> 14:12 33:8	<b>redesigning</b> 40:20	36:14,15 44:20	<b>re-dial</b> 20:9
<b>pursuing</b> 11:15	71:11	<b>redundancies</b>	45:11,16 47:8,16	<b>right</b> 8:16 9:3,5,8
<b>PUSH</b> 44:10	<b>reaches</b> 54:2	60:18	52:5 55:3 62:2	10:22 13:12,21
<b>pushing</b> 41:2	<b>read</b> 25:22	<b>Reed</b> 2:5 3:14	63:22 66:16 67:3	14:1 23:22 26:7
<b>put</b> 6:7 11:20 30:10	<b>readable</b> 67:5	11:13 32:14 35:19	68:2 76:17,19	27:8 30:3,5 32:7,8
30:19 41:2 52:22	<b>ready</b> 10:3 13:3	36:19 38:1,5	<b>reported</b> 82:8	40:15 48:17 50:11
77:14	20:14 31:12	39:17 41:7 45:7	<b>reports</b> 43:8 48:7	51:17 52:8 53:5
<b>P-R-O-C-E-E-D-...</b>	<b>real</b> 23:18 66:17	45:16,18,21 46:4	<b>REPORTS/REC...</b>	54:2 75:10 79:8
4:1	75:5	46:10,20 47:1,9	3:6	82:4
<b>p.m</b> 1:9 4:2 21:3,4	<b>realistically</b> 34:15	<b>refer</b> 77:19	<b>representatives</b>	<b>rights-of-way</b> 56:6
82:16	61:2	<b>reflect</b> 81:7	33:9 37:2 64:5	<b>ripe</b> 9:15
<b>Q</b>	<b>realities</b> 62:15 67:7	<b>reform</b> 52:21 55:16	<b>representing</b> 15:7	<b>risk</b> 73:6
<b>quadrennial</b> 50:14	<b>really</b> 8:17,17 29:8	56:19 58:12 59:14	<b>reps</b> 38:21	<b>Rivera</b> 1:9,12 3:5
<b>qualified</b> 18:6	29:16 31:10 32:10	60:13 66:1,2	<b>request</b> 13:18	3:21,22 4:4 5:15
19:10	33:17 35:17 38:13	<b>reforms</b> 67:2	<b>require</b> 10:1	5:16 6:10 8:13
<b>qualitative</b> 63:19	39:7 42:2 43:12	<b>regard</b> 8:1 68:11	<b>required</b> 24:13	9:3 10:14,17 11:1
<b>quality</b> 23:14	49:15 51:4,10	79:7	<b>requirements</b> 74:8	11:4 13:13 20:3
<b>quantitative</b> 63:17	55:12,15 56:1,21	<b>regarded</b> 16:12	<b>requires</b> 59:3	22:9 26:4 28:9
<b>question</b> 64:11	58:12 59:2 60:3	<b>register</b> 65:20	<b>research</b> 63:12,16	30:3 31:2,15 32:6
70:3	62:20 63:3,8,16	<b>registered</b> 64:6	67:7,9	35:17 36:17 37:21
<b>questioning</b> 76:14	64:11,18 66:1,21	<b>regulations</b> 24:15	<b>reservation</b> 71:8	38:3 39:14 41:5
<b>questions</b> 13:21	67:11 68:9 70:19	<b>regulatory</b> 58:21	73:16	44:18 47:4,10,15
23:20 26:8 30:6	71:3,5,18,18	59:4	<b>reservations</b> 64:21	51:13 53:8 68:7
31:3 44:21 49:3	72:22 73:14 74:10	<b>related</b> 33:14 34:21	71:5	75:10 78:22 79:8
62:7 68:6,13	75:3,8 78:12	<b>relates</b> 45:14	<b>residing</b> 73:15	81:5,20 82:1
75:11 82:11	<b>reason</b> 79:14	<b>relating</b> 14:17	<b>resolution</b> 15:3	<b>road</b> 48:22 49:12
<b>queue</b> 40:22	<b>rebuttable</b> 19:3	<b>relationship</b> 39:3	<b>resolutions</b> 14:17	<b>ROBERT</b> 1:17
<b>quick</b> 52:20	<b>rebutted</b> 19:4	39:10	<b>resolve</b> 81:19	<b>rolling</b> 74:11
<b>quickly</b> 7:2 24:19	<b>recall</b> 56:12	<b>relatively</b> 9:21	<b>resolved</b> 79:20	<b>roll-out</b> 67:13
	<b>received</b> 80:18	<b>released</b> 14:19	<b>resort</b> 73:5	<b>RONALD</b> 1:15

<b>Room</b> 1:9	<b>seeing</b> 63:5	<b>similar</b> 7:21 56:19 77:6	<b>spectrum</b> 6:13 7:6 8:1	<b>structure's</b> 33:19
<b>round</b> 76:7,9	<b>seeking</b> 36:6	<b>simplifying</b> 25:18	<b>speed</b> 71:6	<b>studies</b> 14:19 34:5 34:8,19 48:22 49:21 50:1
<b>rules</b> 24:14	<b>seeks</b> 77:13	<b>simply</b> 26:14 61:8	<b>speeding</b> 29:1	<b>studio</b> 78:9,11
<b>rule-making</b> 24:19	<b>sees</b> 30:4	<b>sitting</b> 36:3	<b>spent</b> 48:20	<b>study</b> 52:2 57:6,8 63:14,19
<b>run</b> 38:13	<b>selected</b> 16:14	<b>slide</b> 55:20 57:2 58:9 59:13	<b>spirit</b> 28:6	<b>stuff</b> 48:17,18 49:14
<b>rural</b> 16:22 58:22	<b>selecting</b> 34:7	<b>slides</b> 5:5	<b>Spitzer</b> 80:7	<b>subcommittee</b> 5:3 5:4 7:1 11:7 12:21 14:7 45:14 46:8 51:22 79:2
<b>RUS</b> 37:5,15	<b>self-determination</b> 58:4	<b>slots</b> 15:18,21	<b>spoken</b> 62:22	<b>subcommittees</b> 46:3
<b>S</b>	<b>self-govern</b> 57:14	<b>small</b> 6:19 7:17 15:13 16:22 24:11 37:10 38:7,19 43:13	<b>staff</b> 2:1 8:21 13:5 62:21	<b>subject</b> 42:3 48:19
<b>safety</b> 58:7 60:7	<b>self-provision</b> 65:12	<b>smaller</b> 37:19	<b>staffing</b> 66:13	<b>substantial</b> 17:12 18:10
<b>sales</b> 6:20	<b>seminars</b> 7:22	<b>smile</b> 72:1	<b>standard</b> 15:14 20:1	<b>success</b> 12:18 15:9 16:15 17:13 18:1 59:20 63:20
<b>San</b> 62:14	<b>send</b> 78:8	<b>socio-economic</b> 56:21	<b>standards</b> 15:22	<b>successful</b> 12:6 30:13 57:22 59:12 65:3
<b>Sascha</b> 2:14 3:18 52:7,14 58:9 62:6 68:8,14	<b>sense</b> 48:15	<b>solid</b> 23:18 36:20	<b>start</b> 34:7 53:3 54:14	<b>subject</b> 42:3 48:19
<b>satellite</b> 53:22 71:13	<b>sent</b> 76:19	<b>solution</b> 74:8 81:17	<b>started</b> 22:15 48:22 52:20 62:18	<b>substantial</b> 17:12 18:10
<b>satisfied</b> 19:21 22:17	<b>SEPTEMBER</b> 1:6	<b>solutions</b> 49:2 59:13,16 74:16	<b>starting</b> 14:18	<b>success</b> 12:18 15:9 16:15 17:13 18:1 59:20 63:20
<b>satisfy</b> 19:20	<b>SERVAL</b> 75:2	<b>son-of</b> 49:6	<b>state</b> 37:3 70:13	<b>successful</b> 12:6 30:13 57:22 59:12 65:3
<b>saying</b> 78:20 80:14	<b>serve</b> 55:17 59:7 65:11 74:7	<b>soon</b> 41:3 49:9	<b>States</b> 54:21 62:17 69:17 74:19 75:6	<b>suggest</b> 28:12
<b>says</b> 74:3	<b>serves</b> 53:12	<b>sooner</b> 30:11 36:1	<b>stations</b> 53:20 54:5 77:11,21 80:13	<b>suggestion</b> 7:4
<b>SBA</b> 38:22 43:4,11 43:18	<b>service</b> 18:19 43:6 52:21 54:17 55:2 55:14 56:19 58:12 59:14 60:13 64:20 66:1	<b>sorry</b> 4:10,15 13:12 20:22	<b>Statistically</b> 55:5	<b>suggestions</b> 24:17 47:5 82:11
<b>scale</b> 69:15	<b>services</b> 55:8 56:16 70:8,19	<b>sort</b> 34:19 35:21 37:6,8 39:4 40:22 65:17,20 70:4 74:19	<b>status</b> 22:22 35:7 35:14 76:18,20	<b>suited</b> 15:19,19 17:16
<b>scales</b> 71:21	<b>Service-enhanced</b> 60:16	<b>sound</b> 22:18	<b>stay</b> 23:22 40:17 47:17 49:11 78:5	<b>summer</b> 6:11 44:1 44:12
<b>scenes</b> 63:7	<b>servicing</b> 60:5 78:12	<b>sounds</b> 13:14	<b>step</b> 13:4 26:13,18 65:14	<b>support</b> 7:3 33:11 67:21
<b>schedule</b> 6:2 11:20 32:9	<b>sessions</b> 38:16,18	<b>sourcing</b> 40:16	<b>steps</b> 6:18	<b>supposed</b> 10:21 47:21
<b>schedules</b> 4:9 34:13 35:22 36:2	<b>set</b> 7:9	<b>sovereignty</b> 57:3,9 58:3	<b>stimulus</b> 55:11	<b>sure</b> 10:22 27:13,21 34:21 35:19 39:15 39:18,19 41:1,2 43:12 44:12 45:7 48:21 52:18 56:4 58:5 59:17,20 60:1,15,17 61:12 62:1 69:1 71:1,7 71:11,19,22 72:6 72:8 73:1 82:6
<b>scheduling</b> 11:19	<b>settled</b> 17:4	<b>so-called</b> 14:18	<b>stories</b> 63:20	
<b>schools</b> 66:7	<b>share</b> 36:9 45:8	<b>sparse</b> 63:13	<b>story</b> 12:18	
<b>SCHWARTZM...</b> 1:17 68:16	<b>shared</b> 45:4	<b>speak</b> 27:10	<b>strategies</b> 36:21	
<b>Sciences</b> 44:8	<b>sharpened</b> 16:9 68:21	<b>speakers</b> 46:12	<b>strategy</b> 39:2	
<b>SCORE</b> 43:4,5,6 43:12,19 44:13	<b>sheet</b> 39:6	<b>special</b> 10:6 19:18 59:4	<b>streaming</b> 54:5	
<b>scrutiny</b> 15:2	<b>shipped</b> 80:8	<b>specific</b> 6:18 11:16 72:7	<b>Street</b> 1:9	
<b>second</b> 15:3 26:5,7 45:10 67:6 77:5	<b>short</b> 9:21 66:14	<b>specifically</b> 18:16	<b>stretching</b> 50:16	
<b>second-to-the-last</b> 9:9	<b>shovel-ready</b> 70:22	<b>specifics</b> 35:1	<b>strides</b> 66:10	
<b>sector</b> 37:2 38:21	<b>Showtime</b> 2:12 21:18		<b>STROBEL</b> 2:19	
<b>see</b> 11:16 16:9 23:1 31:22 50:20 79:2 82:13	<b>side</b> 56:20		<b>strongly</b> 6:15	
	<b>sign</b> 31:16		<b>structural</b> 65:9 67:12	
	<b>significance</b> 22:13		<b>structure</b> 33:7 77:13	
	<b>significant</b> 58:19			

<b>surprising</b> 64:4	60:2 61:8 69:6,12	32:14 35:18 44:19	34:14 40:13,14	12:22 14:7 49:4
<b>Susan</b> 2:17 21:11	70:7,15 73:21	45:9 47:3,5,7,9,17	48:20 51:9 62:1	51:6
<b>Sutter</b> 1:18 3:8	74:12 75:7	51:3,12,13,14,20	65:6,6,6 66:14	<b>trying</b> 16:2 35:22
11:6 30:7 45:2,9	<b>technology</b> 2:14	53:10 62:19 68:4	<b>timely</b> 7:7 77:1	48:21 71:15 72:17
45:17,19,22 46:5	3:19 4:20 44:9	68:7,8 81:5 82:9	<b>timing</b> 30:8	73:11,12
46:11,22 47:3	52:2,14 57:6	<b>Thanks</b> 22:8 62:8	<b>today</b> 6:2 10:3	<b>TUESDAY</b> 1:6
79:5 81:22	60:20,21 64:2	82:2	46:21 52:7 54:13	<b>tuned</b> 23:22 40:17
<b>SW</b> 1:9	66:16 68:18 70:4	<b>thin</b> 50:16	70:10 73:14	<b>turn</b> 5:13 27:5
<b>SYLVIA</b> 2:19	70:5 71:6 73:10	<b>thing</b> 22:17 23:17	<b>today's</b> 5:1	32:12 51:18 52:16
<b>synch</b> 27:13	74:20 75:4	46:6 79:10	<b>Tom</b> 11:13,18 32:8	<b>tweaking</b> 23:17
<b>system</b> 15:4 54:2	<b>teed</b> 48:17	<b>things</b> 12:10 29:1	44:22 47:7	<b>twin</b> 73:19
<b>systems</b> 58:8 72:17	<b>TelCo</b> 17:1	30:21 31:8,21	<b>Toni</b> 1:13 3:12 6:21	<b>two</b> 7:2 14:17 24:22
74:4	<b>telecom</b> 3:11 5:2	40:8 41:8 43:22	8:15 24:4 26:8,9	41:13 42:20 56:15
	7:1 17:2 38:6	48:7 49:11,22	30:3 51:17 70:1	75:1 79:1 80:3,5
	51:21 56:17 57:15	50:15,17 59:15	<b>tool</b> 43:17	81:3
<b>T</b>	<b>telecommunicati...</b>	60:10,14 63:3	<b>totally</b> 79:11	<b>two-thirds</b> 54:22
<b>table</b> 13:16 74:20	56:16	70:10 75:16 77:7	<b>traditional</b> 38:8	<b>type</b> 71:6
<b>take</b> 6:18 18:18	<b>telecommunicati...</b>	<b>things-accomplis...</b>	<b>trained</b> 56:5	<b>types</b> 38:14
20:8 22:19 26:5	54:18 55:18 57:11	77:1	<b>training</b> 43:13	
29:4,9 32:17	61:13	<b>think</b> 9:22 13:2	44:12 46:15	<b>U</b>
34:22 58:3 60:19	<b>teleconference</b> 2:22	23:2,17 24:1	<b>transaction</b> 29:18	<b>unanimously</b> 14:16
60:22 73:6,11	<b>telecos</b> 72:16	25:22 28:5 29:12	<b>transfer</b> 7:14	<b>uncomfortable</b>
79:1	<b>telephone</b> 4:13	29:14,22 30:1,22	<b>transition</b> 60:19,22	27:18
<b>taken</b> 6:1	5:20 25:7 55:1,21	31:5,6 32:20 33:6	61:6	<b>undecided</b> 49:17
<b>take-home</b> 66:22	61:9	33:21 34:14 35:4	<b>travels</b> 37:8	<b>understand</b> 25:12
<b>talk</b> 21:6 36:13	<b>television</b> 25:7	39:21 42:12 45:7	<b>tremendous</b> 23:11	33:4 49:5 54:11
37:3,6,16 46:20	79:12,12 80:1	45:11 47:20 48:8	<b>tribal</b> 3:16 54:9	<b>understandably</b>
69:4 81:15	<b>tell</b> 39:5 40:9 43:3	50:4,22 51:2	55:1,6 56:2,3,5,10	68:17
<b>talked</b> 50:19 65:7	<b>ten</b> 64:14	52:19 62:11 64:1	56:17,22 57:3,9	<b>understanding</b>
74:13	<b>tentatively</b> 19:10	66:7 70:2,11,16	57:19 58:3,19	27:4,6,10 39:11
<b>talking</b> 9:15 25:17	<b>term</b> 39:6	70:22 72:1,3 74:9	59:8,22 60:2,9,12	42:10
74:22	<b>terms</b> 18:4 26:18	78:15,18 79:1	60:14,16 61:14,14	<b>understood</b> 30:22
<b>talks</b> 28:15	28:13,22 37:9	80:21 81:10,14,21	64:18 65:14 66:6	<b>undertook</b> 16:5
<b>tank</b> 62:11	38:1,3,13 54:17	<b>third</b> 46:5 55:6	66:11 68:17 70:7	<b>under-served</b> 75:5
<b>task</b> 11:8 12:20	55:9,22 56:5,8	67:11	70:13 71:4 72:11	<b>unfortunately</b> 10:4
32:22 33:3,6 34:1	58:5 59:9,16 66:8	<b>Thomas</b> 2:5 3:14	72:16 73:7 74:18	<b>United</b> 54:20 62:16
35:11 36:8 45:3	71:20,21,21 72:10	<b>thought</b> 45:19 76:2	<b>tribal-centric</b>	69:17 74:19 75:6
46:7,17 66:11	72:10,21 73:20	77:2 78:17 82:12	57:18 59:15 72:6	<b>Universal</b> 52:21
<b>Taylor</b> 2:20 3:17	<b>terrain</b> 56:2 58:22	<b>thoughtful</b> 5:11	<b>tribe</b> 55:7 74:2	55:14 56:18 58:12
21:14,14 52:9,10	<b>terrific</b> 81:20 82:1	82:10	<b>tribes</b> 57:13 58:4	59:14 60:12,15
52:12 53:5 58:11	82:12	<b>thoughts</b> 26:17	59:17,20 62:12	66:1
70:11	<b>thank</b> 4:8,12 5:16	<b>three</b> 45:13 53:21	64:6 65:10 66:4	<b>universities</b> 15:17
<b>Taylor's</b> 52:19	6:6 8:10,13,15	<b>throw</b> 77:3 78:17	70:21 73:4,20	<b>unlicensed</b> 74:16
<b>team</b> 16:7 23:9	11:6 13:4,13 14:3	<b>tied</b> 63:8	74:11,14	<b>unlock</b> 7:9
40:19 54:11	20:3,22 22:10	<b>time</b> 4:8 6:1 10:3	<b>triple-play</b> 72:17	<b>update</b> 11:16 34:4
<b>technical</b> 7:11	24:5,7 27:15 28:9	11:9 20:17 23:11	<b>trouble</b> 66:4	34:16
29:15	31:9,16 32:2,5,6,8	23:13 29:17 32:9	<b>try</b> 9:18 11:10,13	<b>updated</b> 15:4
<b>technologies</b> 3:16				

**updating** 14:19  
**upstairs** 48:1  
**urban** 44:10 73:15  
**urgency** 48:15  
**use** 3:15 4:20 15:14  
 15:19 18:20 19:7  
 19:12 64:3,8  
 66:16 70:6 71:6  
 71:10  
**useful** 13:19 15:16  
 45:20  
**uses** 7:5 66:8  
**USF** 55:16 58:2  
 60:14  
**usually** 73:4 79:16  
**utilization** 64:6  
**utilize** 74:17  
**U.S** 55:8

---

**V**

**Valerie** 64:16  
**value** 19:11  
**variety** 15:8,8  
**various** 33:9 34:13  
 46:2  
**vein** 77:6  
**vet** 16:19 33:12  
**veteran** 18:14  
**vetted** 16:18 46:16  
**video** 79:13  
**view** 29:4 55:22  
**viewed** 67:8  
**viewpoints** 18:4  
**Village** 64:18  
**visit** 78:9  
**visited** 38:14  
**visiting** 54:12  
**vital** 58:8 60:5,7  
**Voice** 54:1  
**voluntary** 29:11  
**vote** 30:5 31:12

---

**W**

**wagons** 49:13  
**walk** 39:3,6,10  
**want** 20:5 26:2  
 27:15 28:2 29:15  
 32:17 43:21 47:17

48:9 49:12 50:20  
 51:3,4 57:2 63:11  
 67:3 71:7 79:1  
 81:6 82:9  
**wanted** 26:10 31:22  
 33:19 34:4 35:3  
 36:19 77:5  
**Warfield** 1:18 21:8  
 21:8,10  
**warrants** 81:17  
**Washington** 1:9  
**wasn't** 29:3  
**waste** 50:4  
**watch** 10:4  
**watching** 69:2  
**Waters** 31:18 32:4  
**way** 8:16 11:20  
 14:8 15:10 16:2  
 16:10 19:8,12  
 23:5 28:14 30:15  
 43:21 55:12 65:20  
 77:13  
**ways** 6:12 59:10  
 60:3 65:1 72:20  
 75:7

**weather** 4:9  
**web** 40:5,6  
**website** 11:14 25:4  
 25:5 40:13,21  
 41:2  
**websites** 7:5  
**week** 39:22 41:17  
 56:12 76:18  
**weeks** 41:14  
**welcome** 4:6 5:18  
 8:19 9:4 61:20  
**welcomed** 45:12  
**went** 21:3  
**we'll** 5:22 10:5 11:2  
 14:18 20:19,21  
 22:21 35:10,12  
 36:9 40:1,14  
**we're** 5:6,20 8:22  
 9:5,6 11:15 12:14  
 13:3 19:13,17  
 20:7 32:3,7 33:17  
 33:21 34:13 35:9

35:12,20 36:3,22  
 37:5,14 39:4  
 40:16,18,22 41:1  
 41:8,14 42:15  
 50:15 51:15 52:7  
 55:9 59:6 63:4  
 71:2 73:11 75:15  
 82:14  
**we've** 10:22 13:2  
 23:1 26:19 37:1  
 38:13 40:3,4  
 41:13,13 43:18,19  
 43:22 44:5,11,17  
 47:16 48:17,18  
 49:20 65:7,7  
 74:13,21 77:21  
**whatsoever** 74:2  
**whitespace** 69:5,5  
 69:12  
**Wide** 45:3  
**wider** 81:13  
**widespread** 67:13  
**WiFi** 73:22 75:8  
**willing** 73:6  
**WiMAX** 70:9  
 71:10  
**window** 49:10  
**WINSTON** 1:19  
 26:9 75:22 80:2  
**wired** 73:2,10  
**wireless** 68:18,22  
 69:14,16 73:2,10  
**wisdom** 6:3 8:14  
**wise** 75:17  
**withstand** 15:1  
**women** 2:19 8:8  
 24:11 30:14  
**wonder** 68:19  
**wonderful** 39:7  
 47:7  
**wondering** 26:12  
 27:1  
**word** 29:9,20  
**worded** 28:14  
**words** 6:3 8:14  
**work** 6:16 8:17  
 12:20 23:14 32:11

42:5,13 48:12  
 51:4 53:14,15,17  
 61:20 62:10 63:11  
 64:2 66:19 74:2  
**worked** 11:12 44:5  
 54:8 57:4  
**working** 3:6 11:8  
 11:17 12:15 23:9  
 27:20 28:2 33:22  
 34:6,7 35:4,9 40:3  
 40:4,16,18 41:9  
 43:5,18 44:11  
 62:12 63:7  
**works** 21:18  
**workshop** 36:22  
 37:16,22 38:9  
 40:15 46:6  
**workshops** 7:17  
 43:6  
**worst-served** 54:19  
**worthwhile** 13:14  
**wouldn't** 17:22  
 30:16 70:3  
**Wow** 44:18

---

**Y**

**year** 8:2 19:7 35:16  
 37:1 38:9,17,18  
 49:12 54:7 57:4  
 78:3  
**years** 33:5 46:14  
 49:18,18,18 53:21  
 61:1,2 70:12  
 71:13 75:8 77:22  
 77:22 78:4  
**York** 80:8  
**Yule** 63:8

---

**Z**

**zones** 69:9

---

**\$**

---

**\$10,000** 77:17

---

**1**

**1** 54:1  
**1-866-808-8519**  
 20:15,16,18

**10** 54:5 61:1,2 75:8  
**11** 3:8  
**12th** 1:9 36:20  
 39:19 40:15  
**120** 64:6  
**14** 3:9  
**14th** 14:8 19:22  
**16th** 11:22  
**17th** 11:22

---

**2**

**2nd** 9:11,12,17  
 82:6,13  
**2:00** 1:9  
**2:05** 4:2  
**2:21** 21:3  
**2:22** 21:4  
**20** 71:15 78:4  
**2000** 14:20 55:2  
**2003** 76:8,11  
**2006** 55:3  
**2008** 14:16  
**2009** 15:4  
**2010** 1:6 35:5  
**2011** 34:16 76:9  
**21** 1:6  
**23rd** 69:3,21  
**24** 3:11

---

**3**

**3:20** 82:16  
**309** 20:16  
**309-3784** 20:17,18  
**31st** 45:16  
**32** 3:13  
**34** 53:19,20  
**36** 67:4  
**3784** 20:17

---

**4**

**4** 3:2  
**43rd** 76:19  
**445** 1:9

---

**5**

**5** 3:4  
**5th** 35:19 36:3,11  
 45:10

**53** 3:16

---

**8**

---

**80,000** 52:3

**81** 3:21

**82** 3:22

---

**9**

---

**911** 55:8

**98** 55:4