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CONNECT2HEALTHFCC TASK FORCE
VIRTUAL LISTENING SESSION - HEALTH CARE PROVIDER
FORUM

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(To be associated with GN Docket No. 16-46)

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* * * * *

1 us today from the FCC we also have Dr. David
2 Ahern, Dr. Chris Gibbons, Michele Ellison, Ben
3 Bartolome, Katie Gorscak, Louis Peraertz, Karen
4 Onyeije, and Dr. Kelly Murphy. At this time I'd
5 like to remind you that today's conference is
6 being recorded. If you would like to queue up for
7 a comment at any point in time you can always do
8 so by pressing * followed by 1. I'd now like to
9 turn the call over to our moderators, Dr. David
10 Ahern and Dr. Chris Gibbons.

11 DR. GIBBONS: Good afternoon, everyone.
12 My name is Dr. Chris Gibbons and along with Dr.
13 David Ahern, as you just heard, we will be
14 moderating this session today. Thank you so very
15 much for joining us.

16 The FCC and the Connect2HealthTaskforce
17 are particularly delighted that you decided to
18 join us today. We're really excited because it
19 provides us an opportunity to hear from a group of
20 very important stakeholders from which we don't
21 normally hear. That is the primary objective of
22 today, to hear from you.

1 So, as you will hear, this will proceed
2 largely allowing you the opportunity to comment
3 your thoughts and tell us your thoughts with
4 minimal or no comment. As time permits we may
5 towards the end have time for more open dialogue.
6 If you're not able to say everything that you
7 would like to say or let us know about please
8 email us or contact us. To provide those comments
9 our email is connect2health@fcc.gov. We will also
10 be sending out an email to each of you who
11 registered and are participating on the call
12 today.

13 Once again, thank you. And with that
14 I'll turn it over to my co-moderator, Dr. David
15 Ahern to get us going.

16 DR. AHERN: Thank you, Chris. I will
17 echo Chris' comments. We appreciate you taking
18 the time out of your busy schedules to join us
19 today for the Connect2Health FCC Listening Session
20 for Healthcare Providers. We're very excited to
21 have the opportunity for you to share your
22 experiences in the work that you're doing in your

1 organizations and in your communities.

2 As Chris mentioned, we're really wanting
3 to hear from you. So, the format is to have each
4 of you queue up to share your comments with us.
5 We have about 25 or 26 participants on the call
6 today which is great. That means that we will
7 have to limit though the time that's available to
8 each of you. So, I would ask you to be both
9 concise and succinct with your comments, but as
10 Chris mentioned we want to hear from you in
11 addition in writing if there are other items you
12 want to share with us.

13 With that, I think we can go ahead to
14 see who has queued up first, if we have someone
15 who has joined to speak. If not we'd ask you to
16 do *1, I believe it is, to enter the queue because
17 we're very interested in hearing your comments and
18 your experiences. So, let's see if we can get
19 that process going. You'll get into the queue in
20 sequence and then have an opportunity to speak.

21 Who wants to be first? Hank, I know
22 you're there.

1 OPERATOR: Our first comes from the line
2 of Hank Fanberg of CHRISTUS Health. Your line is
3 open.

4 MR. FANBERG: You beat me to it, David.
5 First, thank you for the opportunity to provide
6 some comments and thoughts for a very important
7 program and need.

8 A little bit of background. CHRISTUS
9 Health is a large Catholic Health System. We
10 operate in six states and three Latin American
11 countries -- but we won't worry about those for
12 the time being -- corporate office is in Dallas,
13 and we have hospitals throughout the state of
14 Louisiana and Texas. Some of you may have a
15 recollection that in about two weeks' time we will
16 be celebrating the 12th anniversary of a little
17 event called Hurricane Katrina. It was in the
18 aftermath of Hurricane Katrina that I had my first
19 interaction with the FCC and USAC because we had a
20 number of hospitals that were directly in the path
21 of Katrina and then Rita three weeks later. Both
22 the FCC and USAC were instrumental in helping us

1 to restore our communications functions.

2 But beyond that, I think there are a
3 couple of things. I've also had the opportunity
4 to be the project coordinator for the FCC Rural
5 Healthcare Pilot Program in Texas which actually
6 started about 10 years ago, it's officially over.
7 I think that provided me some additional insight
8 into the importance of broadband because it really
9 is the forgotten foundation of everything that we
10 want to do. Healthcare is rapidly adopting
11 different platforms, new platforms in terms of
12 delivery, telehealth is becoming more and more
13 prevalent even though there may be some
14 reimbursement challenges still to deliver.

15 And that change is happening very, very
16 quickly, and the rate of change, and how we are
17 providing care, and the tools that we are using to
18 provide care is happening at a faster rate than
19 the regulatory bodies are able to do as well.

20 So, I have a couple of thoughts on a
21 couple of ideas. Number one, we know that from
22 our own experience at CHRISTUS we have geographies

1 where there may not be any broadband available and
2 sometimes that includes cellular in some of our
3 rural and frontier areas in Texas. Number two,
4 actually within your heavily populated cities
5 there are also pockets where access is limited
6 which is probably more of an economic reason than
7 availability. Number three, the needs for speed,
8 broadband speed, circuit speed, has increased as
9 we continue to leverage telehealth to provide
10 initial consultations in emergency departments in
11 the rural facilities where you may be sending
12 images -- not just data but images and video --
13 and T1 lines are totally insufficient for that but
14 the infrastructure to do more than that may be
15 lacking. Number four, we are sending patients
16 home and we are monitoring them post-discharge.
17 This was brought about in part by the need to keep
18 people out of the hospital for the admission rate
19 with CMS and remote monitoring of this type is
20 something which has not really been -- anything
21 into the home has not been something that really
22 has been addressed by the FCC through the

1 Healthcare Connect Program.

2 So, I think it would be a wonderful idea
3 if the FCC could take on some innovation
4 activities and begin to seed some new ways, some
5 innovative ways, of leveraging broadband so we are
6 able to connect provider-to-provider, provider-to-
7 patient and really have an impact by being able to
8 deliver care to where people are. We're becoming
9 a mobile society and we need to follow that. I'll
10 take a breath and stop now.

11 DR. AHERN: Thank you so much. That was
12 really very helpful to us and we appreciate your
13 experiences. I would just take this moment to
14 remind our participants that the questions that
15 you were sent on that two-page document, the
16 Broadband Health Technology Public Notice, any of
17 those questions we're interested in feedback and
18 your experiences, so that's a reference for you.

19 Again, I want to remind the participants
20 that in order to be on the queue to share your
21 experiences you do need to press *1 and we're now
22 beginning to see that which is great. So, let me

1 turn it over to Justin. If you would ask the next
2 participant to identify themselves.

3 OPERATOR: Absolutely. Our next
4 participant is Jon Zasada of APCA. Your line is
5 open.

6 MR. ZASADA: Good morning. My name is
7 Jon Zasada, I am the Policy Director for the
8 Alaska Primary Care Association. We support the
9 operations and development of Alaska's federally
10 qualified health centers. My tact for responding
11 to this was to have a couple of bullet points for
12 each of the questions.

13 A little bit about us. Federally
14 qualified health centers in Alaska, there are 25
15 organizations, 169 sites. Of those 169 sites, 156
16 of them received USAC RHC broadband subsidies to
17 the tune of a requested \$88 million in 2016. It
18 is one of the largest expenses for the health
19 centers that we serve. Alaska's health centers
20 are spread throughout the state of Alaska in
21 communities large and small, tribal and
22 non-tribal.

1 The primary challenges for providing
2 rural and frontier care in Alaska include reliable
3 workforce, small communities, distance of regional
4 health facilities, and a range of others. The use
5 of broadband technology in Alaska's rural health
6 centers includes telehealth visits between small
7 health centers or community-based sites including
8 schools and other facilities, cloud-based
9 electronic health records and prescription
10 systems, use of contracted imaging for sonograms,
11 x-rays, and other services related. We have one
12 health center that provides a virtual emergency
13 room with a dedicated connection to the largest
14 regional hospital in Alaska, based in Anchorage at
15 a distance of 1,300 miles between the health
16 center and the hospital. There is also limited
17 use of in-home monitoring.

18 In terms of the future uses that you
19 requested, the state of Alaska did engage in an
20 omnibus Medicaid redesign in 2016 that has
21 resulted in a relaxing and expansion of licensure
22 and other issues to allow an expansion of billable

1 telehealth services, especially behavioral. I
2 think looking into the future also additional
3 opportunities for patients to do self-monitoring
4 and reporting for care coordination and case
5 management with distant providers.

6 Then, finally, one other future use
7 would be the new VA telehealth initiative that is
8 scheduled to rollout in Alaska later this year.
9 And I personally have some worries that in its
10 rollout many of the potential users might not have
11 the speed of broadband adequacy on their personal
12 devices to take full advantage of that, and I do
13 think it would be a shame if expectations there
14 are not managed.

15 In terms of health providers' technical
16 requirements and needs, right now, I'll be real
17 honest, I think we're very happy with what we can
18 get and are always trying to secure the minimum
19 FCC adequate access of 10 upload 3 download. I
20 will be submitting additional information
21 following this conference with comments from the
22 IT staffs in a number of our health centers.

1 The non-technical issues related to
2 broadband adoption, I would say really the primary
3 impediment at this point in time is a looming
4 sense of financial risk if the subsidies of the
5 RHC Program are not reliable in the future. I
6 think you could see small providers looking twice
7 at the dedicated broadband that they're currently
8 using if they think that they're going to have to
9 pay an increased amount of that cost in the
10 future.

11 All that being said, many health centers
12 in Alaska are fully engaged, have built up their
13 systems based on reliable, dedicated broadband
14 with speeds as fast as they can get in the
15 communities where they are and with the past
16 knowledge that the subsidies necessary have been
17 available.

18 In terms of finally increasing public
19 awareness about the availability of benefits of
20 broadband as they relate to health in rural areas,
21 at least in the state of Alaska I think it would
22 be important for the FCC to help bridge the divide

1 of knowledge between the E-Rate Program and the
2 Rural Health Program. When we speak with Alaska
3 legislators they don't necessarily see the
4 connection between the two programs and how they
5 operate and I think going forward that could be
6 valuable.

7 And I also think that increased outreach
8 between the FCC and municipalities in the state
9 government could be very important. I know that
10 during our last legislative session a group of
11 rural health broadband advocates are working on
12 getting a resolution of support for modernization
13 of the RHC Program, and again, additional outreach
14 from the FCC would be valuable in that process.
15 That concludes my comments. We very much
16 appreciate these listening sessions.

17 DR. AHERN: Thank you, Jon. That was
18 fabulous. We really appreciate you providing
19 responses to all of the questions and obviously
20 very thoughtfully putting the time into that. We
21 particularly liked that you're balancing sort of
22 the challenges and the barriers that you've

1 experienced but also some of the bright spots in
2 Alaska, and I think that's important for us to
3 hear and to document.

4 Again, I would remind our participants
5 that this is an opportunity for you to communicate
6 to us what are some of the important areas that
7 you want us to highlight, what the FCC can do to
8 address some of the challenges that you're
9 experiencing in your particular areas of the
10 country. In order to do that we need to have you
11 do *1 and please tell us your story. With that, I
12 will ask Justin if you would introduce the next
13 speaker.

14 OPERATOR: Absolutely. Next we will go
15 to the line of Jonathan Bailey of Mission Health.
16 Your line is open.

17 MR. BAILEY: Good afternoon, and thank
18 you for allowing us to have this opportunity.
19 It's a great opportunity to not only hear what's
20 going on but to share some thoughts. I appreciate
21 your time.

22 My name is Jonathan Bailey, I serve as

1 the Chief Program Development Officer for Mission
2 Health. We are a seven hospital health system
3 located in western North Carolina and we are
4 headquartered out of Asheville, North Carolina.
5 And we have the unique opportunity of really
6 providing care as the region's only tertiary
7 referral center to both very rural areas that are
8 geographically dispersed as well as metropolitan
9 areas that suffer some areas of lower-income
10 impoverished areas that don't always have the
11 financial means to be able to afford access to
12 broadband technologies.

13 We've taken a very, very aggressive
14 approach into the work of expanding virtual care
15 and telehealth offerings throughout western North
16 Carolina. As we look at the future, as we think
17 about healthcare delivery, our view is that we
18 need to accelerate this and to really help
19 leverage the use of broadband and the assistance
20 of the FCC to continue to help us be able to reach
21 these rural areas, particularly in counties that
22 are anywhere between 0 to 20 percent of coverages

1 for download and upload speeds and to be able to
2 help leverage this health technology so that we
3 can really take powerful impact to lowering our
4 overall cost of the healthcare delivery system.
5 We're currently offering virtual care services in
6 20 different clinical specialties and are touching
7 about 10,000 patients per year. And through
8 audio/video connectivity, we do a lot in
9 behavioral health and some of the higher acute
10 areas, but we know the opportunity out there to
11 touch and impact lives is significantly greater.
12 Just as was talked to by I think Hank, relative to
13 our ability to connect with patients in different
14 locations there are some areas in particular that
15 we believe the FCC could be helpful to enable
16 further reach, and that is in areas such as
17 schools. The ability to reach different school
18 locations and help to ensure the broadband access
19 and the connectivities are there in all the
20 different schools is essential to ensure we can
21 connect with those school-based telemedicine
22 programs.

1 And also really the home. I think in
2 the commentary, in the initial handout, was this
3 "hospital in the home." We believe that's a huge
4 opportunity going forward where patients in the
5 future will be admitted to their home, but that
6 means the home has to have the right kind of
7 connectivity so that we can have the monitoring
8 and the ability to get into that home, to be able
9 to know where the patient is in their clinical
10 recovery basis and that the interventions we're
11 taking are actually making an impact. That's
12 probably I think one of the biggest areas of
13 opportunity where we are struggling.

14 I think number three on there was
15 non-technical issues in promoting broadband
16 adoption. I think there are opportunities for
17 crossover amongst our federal agencies to better
18 enable and remove the barriers that are in place
19 today, in particular the geographic barriers that
20 are in place today through CMS that create a
21 disincentive from a financial reimbursement
22 standpoint when we're trying to connect with

1 patients in these urban areas. While they're
2 urban in nature that doesn't take away the
3 disparities that many of these individuals that
4 live in those areas experience and their struggle
5 to be able to pay for broadband and to be able to
6 access healthcare services.

7 I think just further awareness in
8 expanding the information around how critical the
9 nature is, both to the public and to our various
10 legislators and policymakers is of critical
11 importance. So, with that I'll stop, and, again,
12 thank you so much for this opportunity.

13 DR. AHERN: That's wonderful. Thank
14 you, Jonathan. Just as a follow-up question, if I
15 may for you, particularly around the hospital in
16 the home concept, could you explain a little
17 further about that for our participants who may
18 not be as familiar with that concept?

19 MR. BAILEY: Sure. So, this has been
20 tested out in the EU as well as it's very popular
21 in Australia and it actually made its way to the
22 U.S. Johns Hopkins has done quite a bit in this

1 area. But in essence the concept is instead when
2 a patient may show up to the emergency department
3 or a physician would have otherwise admitted a
4 patient to the hospital for some sort of treatment
5 or observation, enabling that that patient --
6 let's just take a patient that comes through our
7 emergency department, that they would instead be
8 admitted to their home, transferred to the home,
9 and outfitted with the various technological
10 peripherals, the monitoring equipment to be
11 monitored by a central agency, and have frequent
12 nursing visits and they come and check on a
13 patient firsthand, but the physicians and other
14 care providers would be able to remotely connect
15 in with the patient to be able to see what's going
16 on with their physiological monitoring and/or be
17 able to talk with the patient directly using
18 two-way audio/video, and then be able to make
19 interventions and decisions based on that. It
20 will help alleviate the need for the expensive
21 hospital beds that we have so vastly across the
22 country.

1 DR. AHERN: Fantastic. Thank you,
2 Jonathan, really appreciate you explaining further
3 your experience with that concept. If there are
4 other participants when their opportunity to
5 comment comes up they want to talk further about
6 that, that's great. Let me ask Justin if he would
7 again go to the next participant in the queue.

8 OPERATOR: Certainly. We have Beth Hahn
9 of Flambeau Hospital. Your line is open.

10 MS. HAHN: Hi. I am part of a community
11 group that is currently participating in a pilot
12 project through the University of Wisconsin
13 extension broadband expansion. Our pilot project
14 is connected aging communities. We are located in
15 a very rural area of northern Wisconsin. We are a
16 community group comprised of community members
17 from hospital and clinic providers, health and
18 human services including the aging unit providers
19 and our local broadband provider.

20 What we are looking at is ways to get
21 seniors connected. One of the focuses of our
22 group, we have several different focuses but the

1 main one that we're looking at is telehealth,
2 telemonitoring, how can we get seniors connected
3 in northern Wisconsin to their healthcare
4 providers, that might be home health providers
5 trying to monitor patients following a hospital
6 stay or the hospital trying to prevent a hospital
7 readmission has been addressed previously.

8 Connectivity in our area is definitely
9 an issue, reliability and speed from patients'
10 homes and even sometimes with the healthcare
11 providers travelling into the field, and how do we
12 get seniors to want to be connected for health
13 issues or just for social media. We're trying to
14 figure out different ways to get seniors to feel
15 that this would be a valuable service for them to
16 have in their home.

17 Our broadband provider has been trying
18 to expand availability in our local counties by
19 providing more fiber optics and laying more fiber
20 optics but that's always a cost to that provider.
21 So, looking at ways that broadband can be adapted,
22 specifically with my focus on the healthcare

1 settings, and how do we get people connected, and
2 then is there funding availability once we talk
3 them into being connected then how do we get them
4 to be able to utilize the services that we're
5 trying to provide to them.

6 So, it's a totally voluntary community
7 group that's trying to figure out ways to utilize
8 this within our organizations and for the good of
9 the community. I'm hoping that some of the
10 information that I'll receive today on the
11 listening session is some insight into additional
12 funding opportunities that we can continue to do
13 this group after our two-year pilot project is
14 over which is minimal funding. But just trying to
15 get out there and explore opportunities for our
16 seniors and people within our healthcare community
17 as a whole.

18 So, I appreciate the listening session
19 and I've already learned a lot from what I've
20 heard, so very interesting. Thank you.

21 DR. AHERN: Thank you, Beth. Actually,
22 one brief follow-up question, if I may. Of the

1 monitors that you're using to connect seniors in
2 your project do you know if they're wireless?
3 What are the sort of technical communication
4 aspects of it, do you know?

5 MS. HAHN: What we're looking at right
6 now and what we're utilizing is they are not
7 wireless, they are wired just because of the
8 connectivity within patients' homes. We're just
9 doing it by an internet connection. Right now
10 we're also looking at patients being able to get a
11 smartphone or utilize a smartphone or some type of
12 an iPad system if they have availability to
13 wireless within their homes. But right now we're
14 just trying to do it with fixed.

15 DR. AHERN: Thank you, Beth. Appreciate
16 that. Before we move on, we've actually had a
17 number of additional participants join the call
18 since we began. Justin, I wonder if you could
19 introduce those additional participants before we
20 proceed with the queue?

21 OPERATOR: Certainly. We have been
22 joined by Ken Stigen of RCMH, Seva Kumar of WSHA,

1 Jonathan Bailey of Mission Health, and Craig
2 Jacobson of Hobbs Straus & Dean.

3 DR. AHERN: Great, thank you, Justin.
4 Again, for those that have just joined this is an
5 opportunity for you as participants to share your
6 experiences with the Connect2Health FCC Taskforce.
7 The questions that were sent to you, the two-page
8 document, are the questions that we are
9 particularly interested in hearing your
10 experiences about, but any areas that you want to
11 focus on in telling our story to us would be
12 greatly appreciated. In order to do that we need
13 to have you press *1 on your phone so that you can
14 get into the queue. We're trying to see if we can
15 build this queue up to make sure that we have as
16 many participants joining in on the conversation
17 today.

18 I know this is a little bit different
19 than perhaps other calls that you've had where
20 it's been more of a discussion and we will have an
21 opportunity to do that before we conclude our
22 session today. But please do *1 and you'll be put

1 into the queue for you to be able to share your
2 comments.

3 Justin, I do think we have another
4 participant ready to contribute.

5 OPERATOR: Absolutely. Next we go to
6 the line of Michael Iaquinta, of iSelect MD. Your
7 line is open.

8 MR. IAQUINTA: Thank you. I'd like to
9 thank the FCC for allowing us this forum. This is
10 really great and obviously well-attended.

11 Once again, my name is Michael Iaquinta,
12 I'm with iSelect MD. We focus on two areas. The
13 first is delivering telemedicine services either
14 through voice or video utilizing broadband
15 technology to folks in rural areas for either
16 primary care and one of the new things that we've
17 been developing over the last six to eight months
18 is Obnet which is recovery and treatment for the
19 opioid challenges we have. We do that through
20 outpatient-based medication assisted treatment.

21 So, the challenges that we see first of
22 all the uncertainty whether the Affordable Care

1 Act and obviously repeal and replace, high
2 deductible programs that impact lower-income
3 folks, broadband users in rural areas, and also
4 the looming and physician shortages that we're
5 seeing. So, what I wanted to share was, once
6 again, some of the things that we're doing and how
7 the FCC and healthcare providers that focus on
8 broadband delivery methods can help reduce cost
9 and improve access to areas of care.

10 So, right now, our company has five
11 different wireless carriers that we deliver mobile
12 health services to, and we see a significant
13 decrease in cost directly associated with
14 procedures but also more importantly
15 pharmaceutical costs. Because we are what I refer
16 to as symptom and patient specific, when you go
17 into a setting typically you might be prescribed
18 multiple different medications even though you may
19 have gone in there for an ear infection. So,
20 we're seeing significant reduction in
21 pharmaceutical costs to insurance companies, to
22 patients, subscribers.

1 On the opioid treatment and recovery
2 what we're seeing is in many cases there are
3 two things that really stick out. First of all,
4 in seeking treatment a lot of times with how this
5 has exploded is there's a three- to six-month wait
6 before somebody that recognizes they have a
7 problem can then get in to be treated. Through
8 bidirectional video we can triage those broadband
9 utilizers face-to-face and in real- time, and in a
10 lot cases get them the medications they need to
11 augment the withdrawal they may be experiencing.
12 We treated a nurse the other day that came forward
13 and was able to really get her on the road to
14 treatment and recovery.

15 The second thing is we see that
16 embarrassment aspect where if somebody wants to
17 show up at a physical location they're there with
18 other people in the community. So, we've really
19 created an opportunity for people to have the
20 confidentiality, privacy, and the access to
21 treatment on the opioid issues.

22 The other thing is that a byproduct of

1 this, what we're seeing is a lot of the
2 pharmaceutical players scale back on how freely
3 opioids are getting to the broadband user. What
4 we've done here is we've seen a transition from
5 opioids to heroin and the new drug is now
6 fentanyl, so when the opioids dry up we see them
7 migrate to that.

8 I think there's a number of ways that
9 the FCC through pilot programs and funding can
10 help improve access to care, especially in the
11 rural areas for those two things: Primary care
12 and for opioid addiction treatment and recovery.

13 DR. AHERN: Thank you, Michael. Dr.
14 Gibbons has a follow-up question.

15 DR. GIBBONS: Well, it actually wasn't a
16 follow-up question. I think these have been
17 fantastic comments so I just wanted to reiterate
18 my thanks for you offering them. I know we also
19 have some participants who may not work for
20 provider organizations, hospitals, health systems
21 directly but they work in the area supporting,
22 doing research, doing other things. We'd also

1 love to hear from the perspectives of those
2 organizations, philanthropies, think tanks and
3 others who are on the call telling us what they're
4 doing, what they're seeing, what they're learning
5 as well. So, I just wanted to reiterate that
6 point. Thanks so much.

7 DR. AHERN: Thank you, Chris. On that
8 note, again, I would mention that in order to
9 share your comments we need you to press *1 on
10 your phone and that will put you in the queue.
11 Right now there's a short list so you really don't
12 have to wait long to be able to share your
13 comments. We really would appreciate it if you
14 would do *1. And, again, it can be as long or as
15 short now as you choose, but we're very interested
16 in hearing from you on the call today.

17 Justin, if you would ask the next person
18 to comment.

19 OPERATOR: Certainly. Our next comment
20 comes from the line of Verné Boerner of Alaska
21 Native Health Board.

22 MS. BOERNER: Hello, can you hear me?

1 OPERATOR: Yes.

2 MS. BOERNER: Oh, great. Hi this is
3 Verné Boerner, President and CEO for the Alaska
4 Native Health Board. I want to thank the FCC for
5 the opportunity to participate in these listening
6 sessions. Broadband is quite critical to the
7 Alaska tribal health system overall.

8 The Alaska Native Health Board is an
9 advocacy organization supporting the Alaska tribal
10 health system and supports 229 tribes and over
11 158,000 American Indians and Alaskan natives and
12 thousands more. The Alaskan tribal health system
13 is a critical part of the Alaska public health
14 system, often the tribal health facilities are the
15 only access to care in those rural and frontier
16 communities.

17 Alaska has over 660,000 square miles and
18 a very sparse road system. In many cases we can
19 only reach the communities by air, water, or on
20 snow machine in the winter. So, having access to
21 telehealth has been a critical part of our care
22 and one that has been developed early on, and

1 broadband has become an integral part of that
2 system of care.

3 So, telemedicine has allowed our members
4 to dramatically improve access to care, accelerate
5 diagnosis and treatment, avoid unnecessary
6 medevacs which cost tens of thousands of dollars,
7 and they expand local treatment options as well.
8 Alaska has been quite innovative in developing
9 (inaudible), in partnership, and with the
10 utilization of the Rural Healthcare Program, has
11 been able to also greatly improve medication
12 management, reduce hospital readmittance, increase
13 patient safety, and bring a sense of security for
14 those who manage patients' care. Those are just a
15 few examples of how technology has been leveraged
16 in the state.

17 I also wanted to take a brief moment to
18 endorse and agree with the comments that were
19 already provided by Jon Zasada with the Alaska
20 Primary Care Association. He did a great job in
21 identifying some of the specific uses with x-rays
22 and cloud-based storage and virtual emergency

1 room. Those are just great examples here.

2 One of the challenges that we have seen
3 of recent too in thinking about the sort of
4 non-technical issues is the recent proration of
5 the Rural Healthcare Program. That has acted to
6 destabilize some of our efforts because the
7 broadband is not just part of telehealth, it goes
8 to the total infrastructure of how we provide
9 services. It helps us meet reporting requirements
10 and compliance issues that affect our delivery of
11 care but also our ability to bill and feasibility
12 of our programs overall. Similar to the community
13 health centers, the Indian Health Service just
14 funded facilities are not able to raise our
15 service rates to compensate for any increase in
16 cost due to that proration. So, finding a long-
17 term solution is something that is critical to
18 help support the advances that have been made for
19 providing care in rural and frontier communities
20 overall.

21 As far as increasing public awareness,
22 the FCC doesn't need me to tell it that in many

1 rural areas in Alaska many of the community
2 members and communities themselves lack access to
3 high-speed broadband, upwards of 80 percent and in
4 some cases more. Having that general lack of
5 access to broadband is a barrier to help increase
6 the public awareness of the benefits that it
7 brings. So, thinking about different ways that we
8 can utilize the infrastructures that are already
9 there and maybe underutilized to help increase
10 that access generally is one way to help raise
11 awareness.

12 And then as far as requests for research
13 and case studies, Alaska has 229 tribes and
14 660,000 square miles to offer many, many
15 opportunities for research and case studies, and
16 we would definitely like to be a part of that.
17 Thank you.

18 DR. AHERN: Thank you, Verné. That was
19 very helpful and I appreciate your comments.

20 Are there any other participants who
21 would like to make any introductory comments where
22 we can have the line available to them? We can

1 take a moment to see if anybody else wants to
2 press *1. If not, we can open all of the lines
3 for general discussion and we can begin with a few
4 questions. But this is, again, an opportunity for
5 any of the participants to tell us a bit about
6 your experience in the area you're in with your
7 organization. So, one last request for *1 for any
8 of our participants.

9 Thank you. Justin, if you would go
10 ahead and have our participant be introduced.

11 OPERATOR: Certainly, thank you. We
12 have Carey Officer with Nemours Children's. Your
13 line is open.

14 MS. OFFICER: Thank you so much for the
15 opportunity to speak and tell you a little bit
16 about what we're doing.

17 So, we come from a little bit different
18 perspective from the fact that Nemours is actually
19 an organization fully dedicated to pediatrics. We
20 have two free-standing children's health systems,
21 one hospital in Orlando, Florida, and one in
22 Wilmington, Delaware, and then also service many