

NWX-DOC-NTIA-FIRSTNET
Moderator: Karen Miller-Kuwana
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9:00 am CT

Coordinator: Welcome, and thank you for standing by. At this time, all participants are on a listen-only mode. As a quick reminder, today's call is being recorded. If you have any objections, you may disconnect at this time. Now, I'd like to turn today's meeting over to your host, Chairperson, Sue Swenson. Thank you, you may begin.

Sue Swenson: Thank you, and good morning everyone. Welcome to the FirstNet Board and our combined meeting this morning, or early afternoon, wherever you may be. You may or may not know I live in the Golden State of California. I'm not sure it's so golden anymore. We've had tremendous fires out here, and in addition to all of the fire community that's serving the State of California, we've had tremendous response from other states across the nation. And I just want to say a big thanks to the fire community for everything they're doing.

I know there's fires in other states as well, but it seems most challenging right now in the State of California. So, a big thanks to the fire community. It's probably going to be a long haul before this fire season, which is now a fire year, gets under control. With that, today's focus is going to be on the FY'19 budget, and we're going to receive updates from the different parts of the organization about the status of FirstNet and its deployment.

We're going to talk about the budget, have the Finance Committee and Board vote on the budget for FY19. We'll have Committee updates; we'll have an operations update. We have a PSAC update, and we'll close out the meeting with an update from Mike Poth. So, with that, Karen, if you would call the roll for the Committee and Board quorums please.

Karen Miller-Kuwana: Yes. Here we go. So, Chairwoman Sue Swenson?

Sue Swenson: Here.

Karen Miller-Kuwana: Site Chair, Jeff Johnson?

Jeffrey Johnson: Here.

Karen Miller-Kuwana: Neil Cox?

Neil Cox: Here.

Karen Miller-Kuwana: Ron Hewitt?

Ron Hewitt: Here.

Karen Miller-Kuwana: Edward Horowitz?

Edward Horowitz: Here.

Karen Miller-Kuwana: Kathy Kraninger?

Kathy Kraninger: Here.

Karen Miller-Kuwana: Kevin McGinnis?

Kevin McGinnis: Here.

Karen Miller-Kuwana: Robert Osterthaler?

Robert Osterthaler: Here.

Karen Miller-Kuwana: Anise Parker?

Karen Miller-Kuwana: Christopher Piehota?

Christopher Piehota: Present.

Karen Miller-Kuwana: Richard Ross?

Richard Ross: Here.

Karen Miller-Kuwana: Richard Stanek?

Richard Stanek: Here.

Karen Miller-Kuwana: Teri Takai?

Teri Takai: Here.

Karen Miller-Kuwana: David Zolet?

David Zolet: Here.

Karen Miller-Kuwana: Madam Chair, we have a quorum for the Board and a quorum for all of our committees.

Sue Swenson: Terrific. I think you also need to update us on conflicts?

Karen Miller-Kuwana: I do. So, as I mentioned at our last Board meeting, we have changed our conflicts certification process a tiny bit, so prior to participating in this combined Committee and Board meeting, the Board members were all asked to review the Agenda as well as the guidance that was provided by the Office of the General Council from the Department of Commerce and complete their conflicts review. All Board members on the call and present responded to the conflicts certification and let the Department and FirstNet know that they have no conflicts for this meeting, so we may proceed without any recusals.

Sue Swenson: That's great. Well, thank you very much, Karen. So, for the first order of business is to approve the Minutes from our last meeting, so I was hoping that all of you had an opportunity to review that and would entertain a vote to approve, if there are no comments at this point.

Teri Takai: So moved.

Sue Swenson: Thank you, (Teri).

Neil Cox: Second

Sue Swenson: Thank you, Neil.

Neil Cox: Yes.

Sue Swenson: Thank you. Any further discussion? All those in favor signify by saying, "Aye."

Group: Aye.

Sue Swenson: Any abstentions or objections? Karen, with that, the Minutes are approved, and you will post them as appropriate on the website after the meeting.

Karen Miller-Kuwana: Yes.

Sue Swenson: Thank you. First order of business is to get an update from the Finance Committee, and so, we have our Chair, Ed Horowitz and our CFO, Kim Farrington to go over that. So, Ed, I'm going to turn the meeting over to you. Obviously, this is the most important part of our meeting. Thanks, Ed.

Edward Horowitz: Thank you, Sue, and good day to everyone on the call. The Finance Team has been busy, particularly, this last quarter, and especially in preparing and reviewing the budget. It's had a series of reviews starting within the enterprise, and each division having rolled up in order to get Mike Poth to sign off on it, and then pass it on.

So, despite a condensed schedule, the business units and Budget Team were able to successfully finalize the budget presentation for Fiscal 2019, and that's going to be presented today for a both first by the Finance Committee upon its discussion and approval, and then, recommended by the Finance Committee to the Board, as appropriate.

The budget that is being presented today is the first time that we will be voting on more than just an operational budget, as we've done in past years. It really marks the very important milestone in this, the first year of the sustainable business model, and the impact that that has going forward as a result of the partnership with our Network contractor, AT&T.

So, in addition to the operations budget, this Fiscal 2019 budget also includes two new funding categories: a reserve funding category and an enhancement fund or reinvestment funding category. And Kim's going to describe the amounts proposed for each funding category in just a minute. So, Kim, can I ask you to go through the slides, please.

Kim Farrington: Sure, thank you, Ed. Good day, everyone. Before we actually dive into the Fiscal Year 2019 budget request, I wanted to start by giving you a highlight of the Fiscal Year 2018, to date, as that is the current Fiscal Year that we're operating under, now. We did have all states and territories accept the State Plan, which only enhanced integration across the Network and ensured the financial sustainability to FirstNet with these sustainability payments that we will be receiving for the life of this contract and partnership.

We also focus heavily on the nationwide advocacy and outreach, as well as watching our dedicated core. And from a financial perspective, we actually received our fifth clean audit opinion on our financial statements. All of this, while we evolve the organization, is truly focused on operational activities and especially on this oversight and partnership, as we become operational.

Moving on to the next slide, want to now focus on our Fiscal Year 2019 budget request. As Ed mentioned, we do have three categories that we are talking about this Fiscal Year from a funding perspective. We're talking about the operational budget, as Ed mentioned, a reserve and a reinvestment category. For the Fiscal Year (2018) (sic) operations budget, we are requesting 81 million on an obligations basis. With regard to the reserve category, we are requesting an \$81 million request there as well. The remaining funding that we're requesting is equal to 78 million, plus any additional budgetary resources that are derived during Fiscal Year '19 to be allocated to the reinvestment category for Network enhancement.

This Fiscal Year '19 budget request really does focus on our priorities in achieving all Fiscal Year '19 goals to meet the FirstNet mission, which

includes oversight of the Nationwide Public Safety Broadband Network build-out, or NPSBN, as well as the introduction of independent validation and verification — or IV&V — of the Network coverage.

Moving on to the next slide, wanted to focus on the Fiscal Year 2019 priorities that our Chief Executive Officer has set forward. These include the Network, Public Safety advocacy, innovation, reinvestment and Mission Support. With regard to the Network, we will continue our oversight of, and assist with the deployment, operations and maintenance of the Network. This function is across Departmental and includes the work of our Network Management and Operations office, which validates that the contract is being upheld.

The Public Safety advocacy work, which ensures Public Safety input and feedback, is continually being used to inform and improve the Network. And we are working with the Technology and Innovation team to continue to test, validate, and approve function, features and devices with our partner. The Public Safety and advocacy priority is also very important this year. Gathering Public Safety's input will continue to be a critical part of our work as FirstNet. This will ensure that Public Safety's voices continue to drive the Network and the apps in the device ecosystem that go with it.

We also want to continue to engage Public Safety to share lessons learned through their adoption and integration of FirstNet into their operations. There are innovative Public Safety agencies who are doing amazing things with their Networks and we want to pass along all of their best practices to others and work to achieve the optimal Public Safety advocacy. Innovation is also our third key priority, and that's where we're basically focusing on innovative technologies just to advance that Public Safety communication, making sure that it will be a top priority.

Next is reinvestment. We are now a self-sustaining organization, and we are going continue to make sure that as we're utilizing our investment, that we are also — in addition to operations — reinvesting back into the Network to meet the needs of Public Safety and evolve it for the use of Public Safety. We will be conducting an in-depth analysis and recommendations to the Board on process for reinvestment, and we take this reinvestment responsibility very seriously while aiming to have any excess revenue being put back into the Network as soon as possible to — but we want to make sure that we have a sound process in place for success.

And all of these priorities that I just mentioned are fully supported by our Mission Support desk. None of this work would be possible without the operations and human capital that we have in place for our Mission Support across all departments. Each member of our staff, be it program or Mission

Support, is really focused on and driving our Public Safety mission, and FirstNet is proud to be an advocate for Public Safety as this Network is deployed. And I would just like to take a moment to especially thank my staff, who helped pull this budget together, in addition to basically everybody at FirstNet who was involved in developing this formulation for '19. Want to thank Dave Puffet, Jeff Underwood, Quanetta Caudle Kevin Clark, Toni Dyson and Rosa Rojas-Cinnamon for all their hard work in pulling this together so we can present it to you today.

So, with knowing that these are our priorities that I just mentioned, we actually have a plan by month for Fiscal Year '19. And what you're seeing now is our monthly budget forecast that leads us up to the \$81 million obligation operational budget we're requesting, and the associated 76-1/2 million dollars in expenses, represented by the red line you see. You may ask what we plan to do with the money — the \$81 million we're requesting for our operational budget. And you can see that on this next page. What you're seeing is our Fiscal Year '19 Milestones – the very high-level Milestones. Or this Fiscal Year, that will be utilizing that \$81 million budget request.

What you see at the top highlighted are really those priorities that I just mentioned that have been set forward by our CEO, focusing on the NPSBN coverages or services, innovation, the ecosystem and Public Safety engagement. At the bottom half of the Milestone chart, those are more of our Mission Support functions and milestones that we plan to achieve this Fiscal Year in support of our program priorities, and we're really focusing on our strategic plan and our strategic opportunities under that plan. With that, if there are no questions, Ed, I will turn it back over to you.

Edward Horowitz: Well, thank you. Let me open the floor up to the members of the Committee and members of the Board, if there are any specific questions relating to this topic of Kim, or Mike, or me, for that matter.

Sue Swenson: Hey, Ed. This is Sue. As you know, I'm on the Committee, and as you know, you and I spent quite a bit of time with Kim and her staff going through this. But I think it's worth noting that, while we have a budget, you know, we're evolving from a planning organization to an operating organization.

With the Network deployed or, you know, the Fifth Network in the U.S., Public Safety's Network, the roles of the groups within FirstNet are shifting a bit, you know, from planning to operating. And as you know, I think it's important to mention that, you know, we've had discussions about the new approaches, how we're going to measure things. And those are still in-process.

You know, because it's a pretty big evolution. So, obviously, we have the resources in place to do that, but I think there's still further discussion that will occur post-today about how those resources are being utilized in the most effective way. So, this is not, you know, it's not business as usual. This is a big transition, I think, for the organization, and I think it's important to mention that.

Edward Horowitz: Thank you, Sue, and clearly, I concur with that, and I can share with anybody who's on the call that Sue has been extraordinarily active in every nuance of this budget process, along with other members of the Committee and the Board. And what she just indicated is an important reflection of the transition from preoperational to operational. And then, the fact that this is a living organism that will continue to evolve over time as we are getting the Network deployed.

As we're seeking input from Public Safety on what the priorities are for them and how that will influence where monies are reinvested into the Network in support of the mission and Public Safety all along the way. And with that, the strategic planning process that Mike and the team have engaged in, as is quite critical. And it's called out here on this Milestone schedule appropriately.

So, I think that, as Sue said, we have transitioned. We are transitioning. The organization is transitioning. The mission, however, remains the same, and that is serving Public Safety and getting this Network up and operational as quickly and as effectively as possible, and with the support and the leadership of both staff and our partner, AT&T.

Are there any other questions or comments from the Board? Okay, thank you, Kim. If there's no other discussion or comments, I'll ask Karen to read the Finance Committee Resolution, and then I'll ask the members of the Finance Committee to vote on that Resolution.

Karen Miller-Kuwana: Thank you, Ed. As Ed mentioned, I will read the operative language in the Finance Committee Resolution. I won't read all of it entirely. I have summarized it, but we will have it posted to our website as soon as the meeting is concluded.

So, this Finance Committee Resolution 20 recommends that the Board authorize the Senior Leadership to allocate the FY 2019 budget into three revenue categories. As Kim and Ed mentioned, the first, the Operational Budget of 81 million that will be allocated on an obligation basis. It also includes a 10% reallocation allowance for Senior Leadership.

A Reserve Allocation of 81 million that is equal to one year of the Operations Budget, and an allocation of 78 million into the reinvestment option in

network enhancement for Public Safety on an obligation basis, plus any additional budgetary sources derived in FY 2019 to be allocated to that reinvestment option. Also recommends that the Board authorize Senior Leadership to enter into any necessary agreements to meet the FY 2019 Milestones and recommends that this Board approve the proposed FY 2019 Operational Budget of 81 million on an obligations basis.

If I could have the members of the Finance Committee prepare to vote. We'll need someone to move the resolution – move for the resolution to be voted on, and someone to second another vote.

Edward Horowitz: Thank you, Karen.

David Zolet: I move the resolution.

Karen Miller-Kuwana: All right, thank you, David. Do I have a second?

Sue Swenson: I'll second Resolution 20.

Karen Miller-Kuwana: Thank you, Sue.

Edward Horowitz: Thank you, Sue. All in favor?

Group: Aye.

Edward Horowitz: Any opposed? Any abstentions? Hearing none, the Resolution 20 has been passed, Karen, and please make sure the Resolution is posted to the FirstNet Web site.

Karen Miller-Kuwana: (It will be so.) And next? Sue, I'll turn it to you, because I believe now we'll have the full Board vote on the Resolution 91

Sue Swenson: Right. We need to — obviously, that was to recommend to the Board, and I think you've heard the discussion...

Edward Horowitz: Yes.

Sue Swenson: I don't want to cut it off for any questions or comments that people may have regarding this budget. So, beyond the Finance Committee, are there any questions or comments from other Board members? I'd like to take this opportunity — Kim, obviously, you and your team worked very hard, but I also know that the rest of the organization had to work pretty hard with you to get this done, as well. So, I'd like to thank the entire organization. This is a multi-month process, and, you know, takes everybody's hard work to make it

happen, so I'd like to extend, you know, my thanks to the entire organization for getting this done.

Edward Horowitz: I like that sentiment too. This is truly a bottoms-up process that is engaged every corner of the organization, as well as people from outside the direct leadership. Also, like to say, too, that the Committee has voted in favor of the budget and is recommending to the Board that it take a vote in support of the budget for FY'19.

Sue Swenson: Exactly. So, Karen, think of some operative language that you should probably read before I ask the Board to vote.

Karen Miller-Kuwana: All right. This Resolution mirrors very much of what was just recommended by the Finance Committee, but it actually asks the Board to authorize Senior Leadership to allocate the FY 2019 budget in these three revenue categories: an Operational Budget of 81 million on an obligations basis with the 10% reallocation allowance.

Again, the reserve of 81 million that is equal to that one year of Operations Budget, an allocation of 78 million into the reinvestment option in the Network enhancements for Public Safety on an obligations basis, and also authorizes Senior Leadership to place any additional budgetary sources derived in FY2019 into that reinvestment option. It authorizes — or asks the Board to authorize — Senior Leadership to enter into any necessary agreements to meet FY 2019 Milestones and approve the proposed FY2019 Operational Budget of 81 million.

So, again, if you'd like to call for a motion to vote on the amendment — I mean, vote on the Resolution.

Sue Swenson: I will move Resolution — this is Resolution 91?

Karen Miller-Kuwana: Yes.

Sue Swenson: So, 91. I'll move Resolution 91 to approve the FY'19 Budget. Is there a second?

Edward Horowitz: Ed – second.

Sue Swenson: Thank you, Ed. So, calling for a vote in favor; please signify by saying, "Aye."

Group: Aye.

Sue Swenson: Any oppositions or abstentions?

So, we have a Budget passed. Mike, so you should be pleased about that. And I do say, I'll just mention — and Mike, I don't know if you want to comment. That, obviously, with the end of the Fiscal Year coming up and talk about potential, you know, government shut-down, which we have every year, maybe you want to comment on the impact — or basically, for us, no impact — because of the way we're budgeted. If you want to comment on that, if you would?

Mike Poth: Sure. No, and thank you very much to the Board and to the organization. It was, you know, as we talked about earlier, the entire organization — the Board takes this very serious. And our financial stewardship is key, because every dollar that we do save gives an opportunity for the Board to consider, you know, investments back into the Network. And by passing, now, our FY'19 Budget as we finish up FY'18 with about six weeks left, we now have a clear line of sight to execute all of '19.

As Sue mentioned, since we are financially sustainable in the funding now, we're completely doing it from the contract, if there was unlikely government shut-down, that does not impact FirstNet operations in our ability to continue to provide the oversight and direction to AT&T and this deployment. So, I want to thank the Board and the Finance Committee, Ed and Sue lightly touched on it, but I can assure the Board and the public deep details, and the Board's active involvement was key to the success of this Budget buildup, so thanks to everyone.

Sue Swenson: Thanks, Mike. With that being passed, it's time to move on to other Committee reports, and we're going to start with technology today. As I think everybody knows, obviously, the RAN deployment, the core, devices, apps — you name it — has been happening. So, Neil, there's a lot been happening with the Technology Committee, so anxious to hear your update along with Mr. Bratcher today.

Neil Cox: Okay. Thank you very much, Madam Chair. Before I hand off to Jeff, our Chief Technology and Operations Officer, I just want to make some highlights here. And one of the main reasons that FirstNet is going to be success is because of the foresight of Public Safety in asking for their own spectrum. And with Band 14, we have that. And this Network has been designed by Public Safety, and built for Public Safety, and I always kind of get a smile to my face when I see others out there talking about, "Well, you should come to our Network; we're going to have our Public Safety Network also."

What they seem to forget is this Network was designed by Public Safety for Public Safety. It would be like, you know, the Chairman of GM trying to get the Chairman of Rolls Royce to drive a GM car. It's just not going to happen.

You know, this Network is for Public Safety, and Band 14 is what's going to make this Network a success. There's been a lot of devices, and they're starting to come online, and Mr. Bratcher will talk about those. And once you get the devices, then we can start to get the applications onto this Network, which will really become – to show the benefits of what this Network is capable of.

Sue mentioned the Fifth Network. We'll also have Jeff talk a little bit about Task 3 and Task 4. And these are the Task Orders that make this the Nation's Fifth Network – wireless Network. So, Jeff will talk about that. And finally, I'd like to say that I'm very excited with what our technology team has done in working with other government agencies on looking at the value of this Network in protecting and saving lives.

So, there's a lot of tests that will involve LMR, Bluetooth, Wi-Fi, and how all these can be integrated in, in situations — and real-life situations and test modes — to see how then they can be hauled out back on Band 14 and be used to really make all of us safer. So, with that, I'm going to turn it over to FirstNet's Chief Technology and Operations Officer, Jeff Bratcher. Jeff?

Jeffrey Bratcher: Thank you, Chairman Cox. I'm happy to talk to everyone today and give some quick updates on a few things since we last met in person on June 20th, I believe. The first one I'd like to lead off with is our Band 14 Spectrum Clearance Grant program. Fantastic effort by the team in working with agencies to clear the Band 14 spectrum so that our contract partner, AT&T, can deploy the Public Safety Network.

For those that may not recall, it was about 11 years ago that the FCC actually adopted a new Band Plan in 700 megahertz that realigned the Public Safety broadband portion with the D Block. Unfortunately, there were several agencies that had deployed narrow-band voice systems on the previous Band Plan prior to 2007. So, as part of the Act, and when the legislation was passed, we took it very seriously to make sure those agencies would be able to migrate their systems into the narrow-band portions of the spectrum.

In 2015, we asked for a budget of \$40 million from the Board in our budget to run this Spectrum Clearing Grant program. And ultimately we've made 11 award to different state and municipal Public Safety entities that totaled \$27 million in total for all the costs related to relocating from Band 14 spectrum.

I'm happy to report that we have finished clearing this spectrum as of July 31st, just a couple of weeks ago, under budget and with the total grant funds used of \$23 million. So, we'll actually be recouping \$4 million in grant funds to go back into the Network investment bucket and use those, going forward, for the Network. We also successfully cleared a Department of Commerce

Inspector General audit of the Grant program, and there were no stated issues with how that's been implemented.

Again, very excited and happy with the performance of this. We collaborated closely with the FCC, which is the regulator in charge of the Band 14 spectrum that the FirstNet authority holds the license to, as well as with the Office of Spectrum Management at NTIA and the other federal agencies that have been leveraging and using Band 14 for different activities.

So, I'll pause there to take any questions on this. Otherwise, we can move on.

Jeffrey Johnson: Hey, Jeff, Jeff Johnson.

Jeffrey Bratcher: Yes?

Jeffrey Johnson: Just thank you for such a nice job that, if handled improperly, that could have just created inflammation and conflict. Want to compliment you for the speed and efficiency, but also the way it was done. So, appreciate that.

Jeffrey Bratcher: Thank you, Chief Johnson. I'll be sure the team is made well aware of that. It was a joint effort with several different agencies working through this. And very, you know, Public Safety, agencies that were affected worked very closely with us, and we're very happy with how this has turned out — to have the spectrum clear and ready for moving forward.

Sue Swenson: Hey, Jeff, let me just make a comment. I think it's really interesting. When you look at the spectrum that's been auctioned in the past, I think it can be anywhere from like three-to-five years before — from close of the auction to when it's actually usable. So, this has been a pretty short window to clear a spectrum. Has that been your kind of experience with spectrum-clearing?

Jeffrey Bratcher: Absolutely. Going back to PCS and other technologies in my private sector days, it's definitely a much longer process. And again, I think it was — we were very proactive in identifying — you know, once the legislation was passed and some of the initial meetings we knew this would be an issue for — those agencies that had already deployed their narrow-band systems. And actually working here in Colorado, I was very familiar with the state-wide system in Colorado in how that works going forward. So, very pleased with that and the team.

Neil Cox: And the highlight on this too, Sue, is the fact that this spectrum covers every inch. I mean, it's very high-quality spectrum, and it will really benefit Public Safety.

Sue Swenson: Right. Good point, Neil. Thanks, Jeff.

Jeffrey Bratcher: Your welcome. So, on to the next slide. So, the slide presenting now is a quick update on our device and application ecosystems. We're very excited; we now have 41 devices on the public NIST-approved certified list. You see the breakout here of the different smart phones, tablets. I would also highlight last week – we had the APCO announcement. And in concert with those, we had Motorola announcing a new device, the LEX L11, as well as Samsung announcing their just-released Note9 support and has Band 14, as well, for the Network.

So, we're very excited. This was a key driver. Back to talking spectrum, having this Band 14 in a, you know, Tier 1 and Tier 2 providers of devices and available for Public Safety with a key objective for our RFP, and we're well-exceeding that, going forward. Touch quickly on the applications ecosystem, and the Web page that you see here is the actual live Web site, Developer.FirstNet.com. And this is where developers are signing up to develop applications dedicated to the FirstNet Network and the first responders.

We're working through — it's been in operation for about nine months now. We have several applications listed in the catalog now. We're always working for refinements and enhancements. Based on what we're hearing from the Public Safety community, as well as the developer and industry community, on how they'd like this enhanced. And we're adding that, going forward.

We had some recent updates in March on this portal with blogs. Some of the simplified registrations, and then also adding those application programming interface catalogs for the developers to use, going forward. And with that, Chairman Cox, that concludes my Technology Committee upstate to you today.

Neil Cox: Okay. Thank you very much.

Sue Swenson: Hey, Neil, could I just ask one question of Jeff? Jeff, I was at ISC last week and ran into a Fire Chief from the East Coast. And he's looking at, obviously, coming on to FirstNet. But apparently, there's some equipment that is still waiting – LTE modules – that sounds like maybe that's coming in Q4, you know, for people to make from their current configuration to, obviously, coming on to FirstNet. So, while we're excited about all the devices that are on there, there's still some devices that are still pending upgrades to LTE. Is that correct?

Jeffrey Bratcher: Absolutely. I would clarify pending that Band 14 addition and going through the certification processes within AT&T, and then to get onto the NIST list. But we just concluded some device roadmap meetings with AT&T, and there

are several of these Band 14 LTE modules that you're referencing for the vehicle routers and other capabilities that are in the queue, as we speak. And I hope to present updates at our next Board meeting and share those with you, then.

Sue Swenson: Okay, great.

Neil Cox: Okay, before we move into the next section, which is the Network Management and Operations update, are there any other questions on the – for the Technology Committee?

Kathy Kraninger: Hi, it's Kathy. Just a question about the — I know the ecosystem really is just getting up and going, and we're trying to get tools in there, and apps in there, but anything on usage yet? Or even, you know, how many people are going to look to see what there is available?

Jeffrey Bratcher: That's a great lead-in for the next section updates. I'm going to hit those exactly on Task Order 4.

Neil Cox: Okay. Thank you, (Kathy), we'll get that in the next section here, and let's move into this next section. Because this is a section where we talk about the Task Orders, which really make this the Fifth Network. This Network, with its own core, with its own spectrum and its own quality, its own cybersecurity that are completely different than the commercial Networks. So, Jeff, I'm going to turn it over to you, and you can talk about the Task Orders.

Jeffrey Bratcher: Thank you very much. So, next slide, Karen?

So, I'll give some highlights. We hit some of these in June, but we added some more for this update to the Committee today. As of toward the end of July we have 1500 Public Safety entities in 52 states and territories that have subscribed to FirstNet. And the accounts include 110,000-plus connections using the FirstNet-branded Public Safety services now. All of our Fiscal Year '18 deliverables that have been required up to date by the contract have been submitted. The teams are going through the final verification validation of those deliverables.

We also launched — AT&T is our Network partner — launched the subscriber paid offerings late in May. And this allows those volunteers and career Public Safety individuals who don't have their services provided by their agencies to subscribe for the FirstNet service as a first responder on the Network. That was a key objective from Public Safety as well, especially in the fire community, where I think there was upwards 40, 50% are volunteers and paid for their own devices when they're doing their jobs.

The Task Order 3, which is really focused on that core infrastructure and the products and services, the critical design review was finalized late in May. The FirstNet core is operational now, providing those FirstNet services. And then Task Order 4, which we signed and executed in March of this year — based upon the successful outcome of all 56 states and territories choosing to opt in and allow AT&T FirstNet to build the Band 14 regular access Network in their state and territory — was submitted — I'm sorry, executed — in March, and then we developed what's called the requirements traceability matrix in June to track that progress.

Our next steps and the focus will continue this year and next year – over the next several years – is the ongoing validation and verification of that core Network and the Band 14 deployment, as AT&T takes that in the states and territories.

Next slide, Karen.

Jeffrey Bratcher: Yes?

Mike Poth: Jeff, just for a second, I think it's important to remind the Board that even though requirements are met, they're not one-and-done. The ongoing validation and verification for the life of the contract is an important component that we're going to continue to measure, monitor and assist to make sure that all of the requirements are continually met.

Jeffrey Bratcher: Thank you, Mike, yes. Great point. And leads into we have what are called design reviews for this Core Network. We have the initial design review that really focused on the first year of features and services with the Network. We're now entering into the preliminary design reviews for the next phase of the deployment and upgrades to that Network, as part of this Task Order 3 overview.

We're also performing the midyear review of devices to the questions earlier on modules and other capabilities that will be added to the Network; that's ongoing with AT&T, as well. Working cross-functionally on some of the new features and capabilities, mission critical push-to-talk and other services and features that will be provided as part of this contract over the next five years initially focused.

And then, as I mentioned, the devices roadmap. Through the end of this calendar year – so every six months, we're meeting with the team at AT&T on the devices and applications and reviewing those roadmaps at a six-month period. And as we develop the Task Orders, there are Milestones for payment for the Task Orders, and that's where the requirements traceability is held to and what we use to verify those payments going forward.

I'll pause for a second, if there's any Task Order 3 questions. Otherwise, I can move to Task Order 4.

Okay, next slide, Karen.

So, Task Order 4. Again, this is the RAN Task Order; the Radio Access Network Task Order. And this is the deployment of the Band 14 Radio Access Network by AT&T into the Network today. And again, this is to build, operate and maintain that RAN for each state and territory's plan of record. So, as we develop the State Plans, and finalize those, and the Governors submitted their opt-in letters locking those into the Task Order, and executing that, moving forward. We'll be using that with AT&T and any of the state-specific commitments, and tracking those as we go forward.

Now, this will also evolve the Network, with the features and technology that become available, based on Public Safety's needs, moving forward. So, AT&T has indicated publicly they are accelerating the deployment for the Radio Access Network in all the states and territories. We're very excited with that. This was an initial five-year build focused on — as the State Plans indicated — getting the coverage out for Band 14 on the Network.

We've accepted over 11,000 National Environmental Protection Act requests. So, these are part of the requirements in our contract — also known as the NEPA requirements — and those are submitted to the FirstNet authority by AT&T as they're adding those Band 14 deployments. And we're knee-deep in developing and establishing our coverage verification approaches in some of the independent validation and verification activities, as requested in our budget, on how we will independently verify the Band 14 coverage and Network coverage for the nationwide Public Safety Broadband Network.

I'll pause there for any questions.

Neil Cox: This is Neil.

Sue Swenson: Go ahead, Neil.

Neil Cox: I'd just like to make a comment to for all the Board. I mean, every month that we're into this Task Order 4, you know, this Network continues to further distance itself from any other Network in the world. This is a Network that nobody else can match, especially with the amount of security and all that's been placed on it. This Network is something that is going to far exceed anything out there in the world, as far as a secure Network, and especially the one designed to do what it's designed to do. So, I just want to make sure that

every month this thing gets better and better and better and better, as we start deploying this Task Order 4.

Sue Swenson: Hey, Jeff. Just a question on the NEPA. We've accepted 11,207. How many will we need to accept? I mean, what's the universe? Is that it?

Jeffrey Bratcher: That is not it. Those will continue to grow for each site that we'll be adding Band 14 to. I don't have the exact top number, but we'll have that for the next Board meeting too.

Sue Swenson: Okay. And then, in terms of, you know — obviously, and Neil, I agree with you about this being unmatched, there are also some capabilities that we're providing to Public Safety, in terms of being aware of the status of the Network as they deal with incidents. So, I don't know if you're going to talk about that at all, but we've got some things beyond just building cell sites for Public Safety to provide them some unique capability that they don't have elsewhere. Isn't that right?

Jeffrey Bratcher: Yes, great point, too. It's also part — it's a combination of Task Order 3 and 4 for that deployable capability, having the dedicated FirstNet deployables for Public Safety to use and call into service when needed for events or emergencies or big large-scale pre-planned events. And AT&T is on track to deliver those. And it's, you know, in conjunction with their existing fleet of over — I believe it's over 450 assets that they use for their commercial Network that will also be leveraged into this going forward.

There's some also unique capabilities I believe you saw the announcements for the drop kit device and capabilities they've announced and developed. Last week they announced this at APCO to bring that bubble of coverage with public safety in areas where they need it and it's not a permanent installation. So we're excited with some of the capabilities that the first responders have asked for and we're meeting those and developing those for them.

Sue Swenson: Right and then when there's also like an incident, incident commanders are going to have and people who are watching the network are going to have information about the network and be able to bring people into that incident for priority as well which doesn't exist elsewhere either I don't believe.

Jeffrey Bratcher: Correct. We've got the incident uplift tool that the team has been working closely with AT&T and with public safety on how that functionality should work for you know real time events to bring those emergency response personnel that aren't dedicated primary public safety into that pre-emption and priority capability during the time of the event and then transition back to their normal status after.

Sue Swenson: Right. Perfect. Thank you.

Jeffrey Bratcher: So with that I believe I'm done with the network management update. Thank you very much.

Sue Swenson: Great. Thank you Jeff and Neal. I appreciate your comments. Chief Johnson you've been busy. I haven't seen or heard from you much lately, but why don't you give us an update on what you've been up to and what's happening on public safety advocacy along with Mr. Bratcher again.

Jeffrey Johnson: Well thank you Madam Chair. Yes, we've been a little bit on the road and certainly this is a busy time of year in public safety not the least of which is all of the events happening on the West Coast in terms of wildfire activity but this is also conference season.

Jeffrey Johnson: So on behalf of the Public Safety Advocacy Committee, you know our responsibility is to make sure that we're communicating the value that this network is bringing to public safety their network and that we're also bringing back public safety's needs back to our partner AT&T FirstNet and back to FirstNet the authority. We've been actually I kind of an exciting part of this entire process is that we're engaged in the ultimate interaction and that's deployment. And if you think about the sales cycle of any product the goal is to get the product in the customer's hands and let them have an experience with that and give you feedback about it.

And today, just like for the last three weeks, the West is on fire and I just want to thank the team at our partner FirstNet, AT&T. They have responded. They are on these major calls. They have shifted their assets to be in place and try to prop up communications for all the responders and frankly for the residents in the area and every incident commander I'm talking to is mentioning the presence of FirstNet on those calls and that is the ultimate interaction. And as you know, we just came off the International Fire Chief's Annual Conference in Dallas, last week and it was just an endless stream, the West Coast fire chiefs, thanking FirstNet and our partner for deploying this network.

We are in the embryonic stage and there's more we can do, we're well aware of that, but it has been fantastic. With the last two big conferences we were at, of course were APCO which preceded the fire chiefs', that was a place for us to discuss many of our new technologies, devices and solutions. Not the least of which is the one that Jeff just mentioned which is our drop kits. This is going to be pretty critical to our future - to the current and more importantly future plans is to be able to take that network places it doesn't have a network or be able to strengthen the network. So we - that was a successful conference at APCO. They have been tremendous supporters of our initiative here and they continue to provide us a valuable feedback.

At the fire chiefs' meeting in Dallas, Texas, we reported on our progress and deployment and adoptions. They are very curious about where it is and the glee on their face when they find out that they can sign up for FirstNet today. That is - that makes them very happy. They know we have more coverage to provide, they know that we have more build to go, but this network today, is alive and you can sign up and that makes them happy. There is a, I think to be very fair and honest about it - I think there is a palpable sense of frustration at some of the messaging coming from non-public safety networks. These are commercial carriers that are communicating they're offering public safety services and it is aggravating to my colleagues that they designed and built their own network and this board exist to hold our partner accountable to building that network.

And they are very frustrated that other people are messaging that they have something similar. I guess I'm very happy these chiefs know it's not the same and they understand that people are just retain their customers but there is a lot of frustration and they're asking us to step up our communication on this so that a responders understand the distinction. And I think overall they are very pleased that the fifth carrier in this nation is FirstNet and that our partner has done such an effective job ahead of schedule of getting out and getting this network stood up. So my thanks - I want to share my thanks to our partners, AT&T and their FirstNet product that's out and I want to thank the staff and this board for doing such an excellent job. And let you know that the fire community is excited and they stand ready to help us in any way we need. So thank you Madam Chair.

Sue Swenson: Great. Jeff are you going to bring us up-to-date on some of the activity that's been going on, the chief has certainly covered a couple of them, but perhaps you have some additional comments you would like to make.

Jeffrey Bratcher: Sure. I'll just add a couple of things to that. Thank Chief Johnson and Chairwoman Swenson. A couple of quick updates on our public safety advocacy team and the focus they're going to be executing moving forward and there's really two key goals and as we've done all along in mentioning the spectrum that public safety fought for and their needs for the network, capturing ongoing public safety needs to influence the nationwide public safety broadband network product development, driving those innovation and differentiation, based again on what public safety needs from the network so they can do their jobs easier to save lives.

And we'll be working with public safety hand-in-hand as we have been. There's really the other goal is developing and enhancing that positive sentiment with public safety, ensuring they know this is their network. We're here to drive their needs and requirements into this network and develop those

services for them. We're continuing to engage with the stakeholders in the traditional ways. We're also working in more collaborative ways that we'll be announcing over the next several months to collect this feedback and influence our partner with AT&T and the industry marketplace for additional capabilities on the FirstNet Network.

And this slide highlights some of those ways, again the public safety engagements will continue to engage directly with the agency across the country to ensure that we're understanding their needs moving forward, maintaining and improving those relationships, creating awareness of FirstNet's mission and services, even though we've all lived with it for you know almost five or six years now, there's still quite a few boots on the ground that haven't heard of FirstNet. So we'll continue driving that and increasing agency awareness, - what is their need from a broadband data network and the potential for enhancing their operations. With what we're seeing now at the APCO and the International Association of Fire Chiefs and then with industry really looking at public safety market now specific for meeting their needs and capabilities.

We're also again involved in the special events. We had several recent events with the July 4th celebration in D. C. and the major league baseball home run derby and all-star game. Continuing to enhance and refine our association - those key public safety associations with APCO, the IFC that was last week and the ones coming down the pike over the next several months. And then reports from the field. We had several requests to attend ribbon cutting events - one more recently was a new site build in Bedford County, Pennsylvania. And this site was actually requested by U. S. Senator Casey and we were involved as well as the Pennsylvania's State Point of Contact.

Our CEO, Mike Poth and then representatives from Governor Wolf's office also attended this ribbon cutting for the new site build and adding that capability in enhanced coverage for the network. And last but not least, I'll touch briefly on the single mountain Tennessee. They held a press event being the first police agency in Tennessee to adopt and subscribe to the FirstNet Services. Police Chief Mike Williams stated that moving to FirstNet was a necessary component of their technology innovation and implementation program.

And their decision was really based on three critical factors: 1) groundbreaking technology, state of the art LTE wireless technology, the coverage capacity and some of those control capabilities that we mentioned earlier for the incidents. And again the system reliability and security that we're providing with a dedicated security operation center that's monitoring this network 24/7 365. So with that, I'll turn this back over to Chair (Johnson) and take any questions should there be any.

Jeffrey Johnson: That concludes my report Madam Chair. Thank you Jeff.

Sue Swenson: Yes. Just a comment Mike. Say a little bit more for the benefit of the Board your trip to Pennsylvania because I think it really even though it was requested by a senator, I think that what really came out of probably some of the consultation efforts and I would be interested in kind of what people's reactions were since you were on the ground for that ribbon cutting. I mean that's a - it was kind of a unique situation.

Mike Poth: No absolutely. The town and the location has a railway the tracks go through it and in less than one year they had two derailments with heavily toxic materials. This small town literally has zero cell coverage from any carriers. They're volunteer fire and EMS literally on EMS calls have to go in houses and borrow people's landlines to call the hospitals for pre-arrival instructions and that.

AT&T originally is working with the State of Pennsylvania had done some site planning as to where additional antennas could go, but based on the feedback from the town and from the State, they asked if AT&T could place one a little closer to that area. So AT&T was able to do that, the groundbreaking and they hope to have the antennae both built and operational within the next 18 months. So it's going to have a huge advantage to public safety in that area. The volunteer fire chief was telling me that they have to drive 20 to 30 minutes as they're taking patients for example in to town before they start getting any signal from any carrier. So it's truly, it shows how important FirstNet is in the rural areas and how critical it is to public safety. It really hit home for me seeing that.

Sue Swenson: Thank you Mike. I thought it was worth you sharing that. And then Mr. Bratcher just to plug for the Board and anybody listening, some of the work that Dave Buchanan and his team are doing on podcasts. I just listened to podcast number three and I think he chose the speaker because of the same last name. I think he spelled it different than Chief Buchanan from Las Vegas I believe. And I found that podcast to be really helpful because you hear directly from someone who is a user and what benefits that's going to bring. So do you want to talk about the podcast series, just in case people are unaware?

Jeffrey Bratcher: Sure thing Sue. So and we've just recently announced that I believe, I think that was number three and Dave actually filmed that last week at the APCO tradeshow which Chief Buchanan from the Las Vegas area. So we're excited with those. You can find those on our You Tube channel, as well as linked off of our firstnet.gov webpage. We are definitely going to be targeting users of the network, getting their perspectives and feedback on the use of the network

and some of those capabilities they'd like to see in this network going forward. We feel it's important to capture those, share those as broadly as possible. Thank you for the tee up and Dave's getting his microphone voice in well use now and getting a good rhythm to those.

Sue Swenson: Yes, he commented to me that there were a lot harder than he imagined them to be, but I'm sure they will get easier. So for those of you who haven't listened, it's really worth a listen and I'm sure we're going to hear from more - from the public safety committee. So I think it's a great vehicle - much more interesting than reading a document, to listen to someone first hand. So I really applaud that approach to getting the information out. So thanks to Dave and the team for initiating that. Next up we're going to hear from Paul Patrick who I think you all know chairs the public safety advisory group and Paul your group has been very busy and so we're anxious to hear what you've been up to and maybe what's coming up.

Paul Patrick: Thank you Madam Chair. Can you hear me okay?

Sue Swenson: Yes. Perfect.

Paul Patrick: Awesome. Again I want to thank you for the opportunity to speak to you today and it's just been a very busy summer for us and the Public Safety Advisory Committee. We've held two webinars since we last met. One was on the network status tool and the other one on the quality service priority and preemption or QPP. We really want to thank the FirstNet Authority staff for their support for these webinars and providing the PSAC with an option to weigh in on these critical network topics.

I've been very pleased. In fact, kind of overwhelming in a way because I've had almost a 100% of the PSAC members have written to me and commented and talked to me about impressed they are and how important these series have been for them. So a great success and we've also helped to bring our PSAC members a little closer together which is also very important as we continue to process out to our various advocacy groups and associations as we meet with them.

Our next webinar is going to be later this month and as Jeff Bratcher mentioned, this is on the uplift request tool, that's August 27th, Monday at 1:00 p.m. Eastern Time and also to all the board members, we do send out notifications and encourage you if you would like to listen in on these to join us for those. Later this week, I'll be joining the PSAC members of the Tribal Working Group in their in-person meeting and (Rycom) Fire Department in Valley Center, California which is just north of San Diego and I'm pleased that Chairperson Swenson you'll be joining us I believe the first day and also

Kevin McGinnis from the board for the almost two-day conference. So we look forward to that.

Among the other topics we're going to be - of the many topics we'll be talking about were AT&T will be there to discuss branding issues for tribal public safety use cases, potential FirstNet device procurement for their devices, as well as building out discussions - all this centered around the Tribe. So we're very excited to meet with the tribal working group on Wednesday and Thursday of this week at one of the fire stations - one of the tribes there in Southern California, north of San Diego. So that made it close for you Madam Chair so thank you for your willingness to attend that with us.

Sue Swenson: Sure.

Paul Patrick: Later this month the Executive Committee and I will be traveling Bedminster New Jersey, to tour AT&T's global network operating center and we'll be holding an in-person meeting to discuss a lot of our PSAC future planning including the golden voice of Dave as you mentioned on the podcast. We set time aside for those, since we will be there and for those of us could join and participate and be put down on tape for some of the future podcasts which we're very interested and excited to do as we move forward. With that Madam Chair, that brings my report to a close unless there are any questions.

Sue Swenson: Thank you Paul. Any questions from the board? You know the PSAC webinars, I think having participated in them along with several other board members are very helpful. Just a reminder to the other board members here, joining the call is not for you it's for the PSAC and for public safety so Chief Johnson at the very beginning said look you guys can attend, but you're in listen only mode. But it's very instructive. I think Neil you've commented on how much you learned just listening to - it's not just telling the PSAC members, it's engaging with them to get their feedback on what works for them. So Neil, I don't know if you have any comments, because you've been finding them very useful.

Neil Cox: Yes, so I think they're extremely valuable and you get a lot of insight from public safety and...

Neil Cox: And at the same time on the technology side we get to see how maybe we need to educate public safety on what the future is and some of the things that they're used to doing today and they may want to continue doing - there may be a technology or feature that will be coming down the road that will be making it better. So it's really good to understand what's important, but it's also not only educating us on the technology side, but it gives us what we need to do to maybe solve that issue whether it's a battery life issue or a cost

issue or something of that nature, but it does give us an opportunity to - we listen. I mean we listen.

Neil Cox: But when we give the feedback later on that provides you know what's in the works to maybe solve that issue. So I think they're extremely valuable and any board member that has the time to attend, I think you would find it a very rewarding experience.

Sue Swenson: Great. Thank you. Ed or anybody else?

Edward Horowitz: Yes, I was about to say - mindreading must be part of the capabilities. I joined the last one and I found it to be extraordinarily interesting, as well as it's very educational. There's so much to be learned and we make an assumption that everyone has a full understanding about what the true capabilities and breadth of this network are or will be.

And reality is there's not that uniform understanding. This is one of those wonderful touch points in which an issue can be raised, an issue can be discussed, you get feedback from the marketplace because there have been testimonials or other meeting in which there is now effectively a report back to the PSAC in turn represents a tremendous broad group of associations and individuals. And this is a mechanism through which we can communicate.

And I think adding to this the blogs are really you know powerful tools and again we can never take for granted that everyone because they've heard the message one time, really heard it or understood it. So I endorse what's going on and find the last one very interesting.

Sue Swenson: Right. Kevin or Jeff anything you add because you were in on it as well.

Jeffrey Johnson: Yes, I'm queued up on. Two things, number one, these things are really educational and really helpful and you want to talk about a differentiator, where public safety and actively and in a public way engaging with FirstNet on how this needs to be to maximize its usability. It has given us over the horizon visibility into what we're going to need and present to what we need today. But it's the dialogue and Paul I just want to you are the last guy to ever stand up and take credit and I'm going to force it on you.

Your leadership has been incredible. Your style and ability to force these issues out and to extract insight and dialogue from public safety, I just take my hat off to you. You've been an incredible leader and really effective at your role. I just want to thank you publicly. These are volunteer roles and I want you to know how appreciated it is. So thank you. Thank you Sue.

Sue Swenson: Thank you. Anything Kevin? I don't want to leave you out. People have hit on a few things, but you've been active in this and promoting it as well. Anything new to add if you're still with us and maybe not. Okay, with that, I think we're moving on to the governance and personnel committee update. As you know it's the season for board reappointments and appointments and I believe we have (Marsha McBride) with us today to give us an update.

Marsha MacBride: We did receive 18 applications for the new board slots. We have done an initial review and sent a recommendation of a slate of potential candidates to Secretary Ross for his review and we are waiting his final decision and expect them shortly.

Sue Swenson: That's great to hear. Good work. Any questions or comments by the board on that topic? Thanks Marsha. Appreciate it. Mike I think you're going to close it out with some closing remarks.

Mike Poth: You bet. So I will certainly try. I too want to thank Paul and the PSAC for all their efforts. It's a lot of work on their side and we enjoy it. Two I'm glad you highlighted the podcast and I'm just concerned that Dave Buchanan gets hired away by NPR, his next career.

Sue Swenson: Right.

Mike Poth: With the smooth tones of the Buchanan. But I want to take the Board and the Finance Committee. This budget season is very demanding and taxing on the Board and we appreciate your sight and your wisdom and advice and counsel. Now we do have an operations budget of \$81 million, as well as covering a year reserves and opportunities to reinvest back in the network.

So it's going to help us support the need for the operations and continued public safety engagement that we've all talked about as key and also on our oversight which is now focused on that network deployment and the validation. Interesting in those also highlighted, this is our first full fiscal year with full nationwide buildout underway. The outlook is promising and AT&T is pretty aggressive and we're the same way

AT&T has moved quickly. They are publicly reporting. They have an impressive goal of trying to deploy 12,000 - 15,000 towers by the end of this calendar year which is fantastic for public safety. They're committed to get the network to network to public safety and going out into the rural communities as I talked about earlier also.

But there is still a lot to do on our side to execute our oversight and partnership, as well as public safety engagement. With our sustainable business model, we now have the ability to achieve all those goals. Now as

Kim talked about I set the priorities for the organization and moving forward is in network oversight, public safety advocacy, innovation, reinvestment in mission support.

Everything that we're trying to do is achieve for public safety the network that they've earned and deserved and demanded and every dollar that we spend we take very seriously and we want to make sure that we're saving every possible dollar for reinvestment opportunities. And we're going to continue working with public safety throughout the year to get the feedback about the network. And this is going to help us identify reinvestment priorities and needs.

And we'll also continue to work with our partners of rollout. Our target is in the FY19 I'll bring to the board a plan for reinvestment for your consideration. It will reflect both the internal, but equally important the external feedback including input from public safety as to what is critical going forward.

And we're going to set up a clear process for being good stewards of those dollars to position the network for continued success and growth. We are really trying to strive for the best bang for our buck. So lot of exciting times. We truly appreciate all the efforts of the Board and I truly appreciate all the efforts of our staff that have work tirelessly over the year to make this happen. One of the key components is our Board and the leadership of the Board is key. So I would like to do is yield the rest of my time to Vice Chair Johnson if he would like to say a few words and close us out.

Jeffrey Johnson: Yes, thank you Mike. I appreciate the report. So Sue first forgive my deceit through omission. I know you would squash any attempts by this Board to publicly recognize and show our appreciation to you. So forgive me for that. First I think I have to make a motion that the Board authorize the addition of one item to this agenda and that would be the reading and consideration of Board Resolution 92. So I make the motion.

Teri Takai: Second.

Man 1: Third, fourth.

Jeffrey Johnson: So Madam Chair if you would call for a vote, I'll proceed.

Sue Swenson: All those in favor, please signify by saying Aye.

Group: Aye.

Sue Swenson: Any opposition or abstention? I'll abstain.

Jeffrey Johnson: Thank you Madam Chair. So it is my pleasure to read into the record the First Responder Network Authority Board Resolution 92, an expression of thanks for the services of Sue Swenson as the Chair of the First Responder Network Authority dated the 13th of August, 2018. Whereas the Middle Class Tax Relief and Job Creation of Act of 2012 permits the First Responder Network Authority (FirstNet Authority) an independent authority within the Department of Commerce's National Telecommunication and Information Administration, NTIA, to go to exercise to the actions of its board.

All powers specifically granted by the provision with this subtitle and such incidental powers as necessary. And whereas the Secretary of Commerce selected Sue Swenson to serve as the Chair of the FirstNet Authority for a two-year term in August of 2014 and reappointed Chair Swenson to the Board for a second consecutive term in August of 2016. And whereas Chair Sue Swenson as served with great diligence, skill and enthusiasm and her exemplary leadership and expertise as telecommunications and technology executive have been invaluable to this Board.

And whereas, the Chair Sue Swenson's efforts to help guide the Board and organize it has evolved from a small start-up to a highly functioning government agency. Her insights and experience helped to navigate the complex challenges of standing up a nationwide wireless broadband network. And whereas Chair Sue Swenson has shown tireless emphasis on tireless commitment and drive for public safety and played a critical role from initial implementation of the strategic planning roadmap to the development of award of a comprehensive network contract.

And whereas Chair Sue Swenson has demonstrated her deep personal commitment to public safety and FirstNet Authority and the National Public Safety Broadband Network time and time again. Through her determined efforts and network transformed from concept into reality and accelerated timeframe. Surpassing the expectations of many in industry, public safety, and government.

And whereas, Chair Swenson has also been recognized by several organizations for her work on behalf of public safety. The FirstNet Authority and the NPSBN, including induction into the Wireless Hall of Fame in 2015. Receipt of the APCO International Leadership in advancing communication's policy award in 2015, receipt of the International Association of Fire Chiefs, the IFC 2018 IFC President's Award, receipt of the National Public Safety Telecommunications Council (NPSTC), 2018 Richard DiMello award, which is presented to one individual in public safety communications who has demonstrated the highest level of personal and professional conduct and performance in local, state and national public safety communications arena.

Now therefore, be it resolved that the FirstNet Board hereby extends its formal appreciation to Sue Swenson for her extraordinary expertise, experience, commitment, leadership as the Board Chair. Then it goes on to say, I the undersigned Board Secretary of the First Responder network to hereby certify. Above is a true and correct copy of the resolution, at the meeting of the board on August 13, 2018. And with that Madam Chair, I would move adoption of the resolution and once we have a second it will be open for comments and you will need to carry out the vote. Thank you.

Woman 1: Chari.

Sue Swenson: And any further comment or...?

Jeffrey Johnson: Well done.

Sue Swenson: Thank you very much. Well I...

Richard Stanek: So Chairperson can I comment for a minute, it's Rich Stanek.

Sue Swenson: Okay.

Jeffrey Johnson: You're not going to get off that easy Sue.

Richard Stanek: Madam Chair, it's Rich Stanek.

Sue Swenson: Okay.

Richard Stanek: Okay. So Madam Chair, members, I just want you to know that on behalf of the National Sheriffs and the major County Sheriffs of America Associations, the IECF and the major city chiefs all of us have discussed this over the past several months and appreciate Chair Swenson service to the board as Chairwoman and they did participate in a letter acknowledging such that it will be forwarded to Sue here in the next week or so.

Sue Swenson: Thank you Rich.

Richard Stanek: Thank you.

Sue Swenson: It's a little overwhelming. Frankly I was hoping to close this out with - I just want to say none of this can be accomplished without a team. I've said this many, many times. I mean I had to good fortune of taking this over, I'm not sure it was good fortune at the time in 2014, because things were a little bit of mess, but obviously the team, the FirstNet staff, the public safety groups, you know the government agencies with which we worked all came together to you know create what we have today.

So I'm humbled by the recognition, but also want to acknowledge this could not have happened without all of you on this call and the many, many people who have been involved in this since 2012 quite frankly. So it's a real honor and a privilege to receive this, but I also want to acknowledge all of you. This is really a recognition of the entire organization's accomplishment and I think we all should be proud.

Jeffrey Johnson: Madam Chair, there may be additional comments on this topic.

Sue Swenson: Okay.

Jeffrey Johnson: All unfortunately trying to get them to forfeit.

Sue Swenson: I will yield to the other board members who want to comment.

Neil Cox: Yes, Sue, this is Neil. You have been unbelievable and your leadership has been phenomenal. You understand this space very well and you've just done a great job. So it's been a pleasure to serve under you as Chairman.

Sue Swenson: Thank you Neil. I remember meeting you for the first time at BJ's Restaurant in Carlsbad.

Neil Cox: Right, right.

Sue Swenson: So I appreciate you joining the Board and your contributions as well. Thank you.

Teri Takai: Hi Sue. This is Teri Takai.

Sue Swenson: Hi Teri.

Teri Takai: Yes. I just want to add as one of the board members I know along with several others that have been on this journey from the beginning, I think that all the Board Members would agree with me that we would not be where we are today were it not for - not just your leadership but your willingness and ability to get in and dig into the detail to be able to you know participate at that level both in terms of helping the organization move ahead, but also in terms of building credibility for the organization. So I know we all feel very strongly and again we would not be where we are today if it were not for you know your continued dedication and support.

Sue Swenson: Thank you Terry.

Mike Poth: And Sue, Mike Poth here. On behalf of all the employees and the contractors, past, present and future that will have and continue to work at the FirstNet Authority, we want to thank you for all of your efforts over the past few years. You've established a foundation for success that it's incumbent on us to continue to carry that torch forward. So thank you.

Sue Swenson: Thanks Mike. I appreciate it.

Edward Horowitz: Sue it's Ed, I think I would just say - you care. You care about the mission, you care about the people we are serving, you care about the details, you care about staff, you care about process - all of those things come together in a single human being and one who really inspires people to follow and I've only known you for the three years that I've been on the board and you've been there this whole time, so I don't know what it's like when you're not the chair. And I would just say that it's been a real privilege serving with you as you've been Chair.

Sue Swenson: Thank you Ed.

Jeffrey Johnson: Sue this is Jeff. I read the resolution which thank goodness hooked on phonics came in handy there for a minute. In the midst of all of these glowing comments, I do have one complaint about your leadership.

Sue Swenson: Okay.

Jeffrey Johnson: As an avid outdoorsman and hunter, I've got to say the closest I ever came to being shot is you promising Congress that if we didn't get it done, but it's a day we should all be shot. A little tongue and cheek there, but Sue it was that gut instinct and that inspired insight that ability to be candid and honest and to draw you re-experience that really sets your leadership apart.

I'd be remiss if I didn't thank Sam Gin for grabbing you out of your pleasant life and bringing you to us and thanking Darryl as well for sharing you with us. But Sue if that instinct that has done well for you over your career and it was that instinct that served us well and it was said that you have served public safety well and I want you to know that the public safety sees you as public safety. Thank you for your service.

Sue Swenson: You know that's a real compliment and again you know I just want to say it's been you know this is obviously the last public board meeting where I'm going to Chair and it's also the last Board Meeting by the way that Chief Johnson will be the Vice Chair of your Board. And I think it's - I know that he was going behind the scenes and creating this. Obviously we would have an equal I think conversation about the contributions of Chief Johnson and I'm sure we'll find an opportunity Jeff to thank you because the past six years you

know have been many things - educational, interesting, challenging, but more importantly and I think you've all said it that we leave the roles of Vice Chair and Chair having achieved what we set out to do in 2012 when FirstNet was first established.

You know with the deployment of the NPSBN and having realized the substantive parts of the Congressional 9/11 Report you know having been achieved, I think we can feel pretty good about leaving at this particular point in time. Public safety now has its own network, you know, that being the fifth network in the U.S. that they fought for, designed and is now being built for them based on what they said and needed. But I have to say the partnership, you know having this partnership with Chief Johnson I mean I didn't know really much about public safety coming into this and Jeff it's really because of your help with me -helping to round out that important part of this role and working together I would not have been able to do the job.

So I'd like to take this opportunity to personally thank you for helping me 1) getting days with public safety and 2) appreciating just what needs to be done. I also you know have seen I think some of you said this during the meeting, I've seen AT&T demonstrate its commitment to public safety. You know first by showing their true commitment for public safety just by responding to the RFP. I mean I think that in and of itself was you know quite an undertaking and it secondly we've talked about it all through the meeting that they've not only met but exceeded the milestone in our contract with them.

And I think they see it as frankly more than a contract, it's real commitment a higher order commitment to public safety. So I'm pretty happy to leave the FirstNet Board in the hands of new board leadership to write the next chapters for FirstNet and to bring the public safety all that it needs and deserves in the years ahead. I'd like to really thank the entire Board as I said before, the FirstNet organization, Mike you and your team, other federal agencies with whom I've interacted frequently, Marsha you're on the call, Admiral Hewitt, Kathy, Chris, all the help we've gotten from your organizations who truly supported what we've done through thick and thin because as you all know it hasn't been easy. You know who you are and I'm sincerely appreciative of the support. So Chief nice move on your part and don't worry I'll find an opportunity to get back to you.

Jeffrey Johnson: Well the staff was complacent if I started to complain.

Sue Swenson: Okay. Well I make sure that they get their just reward too.

Jeffrey Johnson: All right. Mike thanks for the initiative.

Mike Poth: Absolutely. Sue I think it's yours.

Sue Swenson: Yes. I think we can vote right on the resolution. Is that where we are?

Karen Miller-Kuwana: That is where we are.

Sue Swenson: Okay. Somebody entertain a motion since I obviously can't.

Jeffrey Johnson: I move.

Sue Swenson: And second.

Richard Stanek: Second.

Sue Swenson: All those in favor signify by saying aye.

Group: Aye.

Sue Swenson: I'll abstain. Any other abstentions or objections? With that, I think we're ready to adjourn. So I would move that we adjourn today's meeting. Is there a second?

Richard Stanek: Second.

Sue Swenson: All those in favor, please signify by saying aye.

Group: Aye.

Sue Swenson: I see no abstentions or objections. Thank you very much everybody for the extended meeting. You know we're at a great place with FirstNet and I look forward to continuing to be involved with FirstNet going forward. Thanks very much everybody. Have a great day. Bye.

Coordinator: That does conclude today's conference call. We thank you for participating. You may now disconnect and have a great rest of your day.

END