Stenographic Transcript Before the

COMMITTEE ON ARMED SERVICES

UNITED STATES SENATE

HEARING TO RECEIVE TESTIMONY ON UNITED STATES EUROPEAN COMMAND AND UNITED STATES TRANSPORTATION COMMAND IN REVIEW OF THE DEFENSE AUTHORIZATION REQUEST FOR FISCAL YEAR 2020 AND THE FUTURE YEARS DEFENSE PROGRAM

Tuesday, March 5, 2019

Washington, D.C.

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2	THE UNITED STATES EUROPEAN COMMAND AND
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6	THE FUTURE YEARS DEFENSE PROGRAM
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8	Tuesday, March 5, 2019
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10	U.S. Senate
11	Committee on Armed Services
12	Washington, D.C.
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14	The committee met, pursuant to notice, at 9:29 a.m. in
15	Room SD-G50, Dirksen Senate Office Building, Hon. James M.
16	Inhofe, chairman of the committee, presiding.
17	Committee Members Present: Senators Inhofe
18	[presiding], Wicker, Fischer, Cotton, Rounds, Ernst, Tillis,
19	Sullivan, McSally, Scott, Blackburn, Hawley, Reed, Shaheen,
20	Blumenthal, Hirono, Kaine, Warren, Peters, Manchin,
21	Duckworth, and Jones.
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OPENING STATEMENT OF HON. JAMES M. INHOFE, U.S.
 SENATOR FROM OKLAHOMA

3 Chairman Inhofe: Our meeting will come to order. 4 The Senate Armed Services Committee today meets to 5 continue receiving the posture statements from our combatant б commands. Testifying today are General Curtis Scaparrotti, 7 Commander of the United States European Command, and General 8 Stephen Lyons, Commander of the United States Transportation 9 Command. I welcome both of you here and thank you for your 10 service.

11 The Senate Armed Services Committee's top priority is 12 to ensure the effective implementation of the National 13 Defense Strategy. That is our blueprint. We pretty much 14 agreed to that. It means that we need urgent change at a 15 significant scale to address the challenges of strategic 16 competition with Russia and China.

17 I just got back from Munich, Kosovo, Djibouti, Algeria, 18 and these areas, and that is where Russia and China is. And 19 we need to be aware of the strength and what the competition 20 is. Putin has demonstrated both the capability and the 21 intent to use force to achieve his objective, most notably 22 in Georgia, Ukraine, and Syria. Putin will not hesitate to use other tools in his arsenal as well, whether it is cyber 23 24 attacks, election meddling, or assassinations with chemical 25 weapons. Perceived weakness will only provoke further

1 aggression from Putin.

2 That is why efforts such as full support for the 3 European Deterrence Initiative that is made up of primarily the old Soviet Union countries provides the defensive lethal 4 5 assistance to Ukraine and why they are so important. б Likewise, we need a defense budget that is of 7 sufficient size and invests in key capabilities we need in Europe, areas like long-range fires, cruise missile defense, 8 9 anti-submarine warfare, and the supporting infrastructure. 10 I was in Munich 2 weeks ago, and it was clear that we cannot be successful in the strategic competition with 11 12 Russia without a strong, unified NATO alliance. America is safer and stronger because of our NATO alliance. 13 And, 14 General Scaparrotti, I look forward to your thoughts along 15 these issues. 16 General Lyons, you have had a long history with 17 TRANSCOM serving as its Deputy Commander for 2 years before 18 assuming your current role. I look forward to hearing your 19 assessment of the services and the resources that you have 20 there because I know that there is some discussion even of 21 some privatization in that area. So we will be anxious to

22 hear your statements.

Before I turn to Senator Reed, I would like to remind all of our members that we will have a classified, closed briefing, informal briefing, at 2:30 in the Visitors Center

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STATEMENT OF HON. JACK REED, U.S. SENATOR FROM RHODE
 ISLAND

3 Senator Reed: Thank you very much, Mr. Chairman. Let 4 me join you in welcoming our witnesses this morning. 5 General Scaparrotti is returning to testify before the б committee for the third time on the U.S. military posture 7 and programs in Europe. He is dual-hatted as Commander of 8 U.S. European Command and NATO Supreme Allied Commander, or 9 the SACEUR. And welcome, General Scaparrotti. 10 General Lyons, I want to welcome you to your first 11 posture hearing before this committee. Let me thank both of you for your many decades of 12 military service, and please extend our appreciation to the 13 14 dedicated men and women serving under your commands. Thank 15 them very much for us. 16 Over the last several years, the security challenges in 17 the U.S. European Command have grown increasingly complex. 18 Russia has reemerged as an aggressive opponent of the rules-19 based international order, which Russia views as a counter 20 to its strategic interest in reclaiming great power status. The National Defense Strategy issued last year highlights 21 the need to counter a revanchist Russia with a credible 22 military deterrent that demonstrates that any military 23 24 aggression against the sovereignty and integrity of NATO

25 members or threat of such aggression will not succeed.

General Scaparrotti, I am interested in your assessment of
 the progress of our force posture in Europe in meeting NDS
 requirements.

4 In addition to its military modernization and 5 aggressive military posturing, Russia is conducting a б campaign of hybrid warfare, below the level of military 7 conflict, using all tools of national power to advance its 8 strategic interests. Our democracy was attacked in 2016, 9 and we have been persistently under attack ever since, 10 including during last year's midterm elections. I would be interested in hearing from General Scaparrotti whether EUCOM 11 12 is getting the cyber resources and personnel it needs and whether we are investing in the right non-military tools of 13 14 national power to counter this hybrid warfare.

15 An additional challenge is the unprecedented strain on 16 alliance cohesion within NATO. Former Secretary of Defense Mattis stressed that the United States' strength is 17 18 inextricably linked to our systems of alliances and 19 partnerships. Yet, a recent report from the Harvard Belfer 20 Center by Ambassador Doug Lute and Ambassador Nicholas Burns describes a crisis within NATO, which they attribute in 21 large part to the absence of strong U.S. leadership. 22 The Senate and Congress as a whole have repeatedly gone on 23 24 record to reaffirm our strong commitment to NATO and the 25 transatlantic relationship as a core element of U.S.

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national security. There should be no doubt among our
 allies or our adversaries regarding the United States'
 resolve to meet its NATO commitments to collective defense.

4 Turning to TRANSCOM, the men and women of TRANSCOM 5 perform duties that sustain the whole Department of Defense б effort in protecting our nation's security. With the 7 competitive edge in its ability to deploy and sustain America's armed forces, TRANSCOM provides DOD with unique 8 9 capabilities that we have come to expect and perhaps too 10 frequently take for granted. TRANSCOM forces are busy 11 supporting all of the combatant commanders every day, and 12 without them, the United States would be at a significant disadvantage almost everywhere in the world. 13

14 The Ready Reserve Force, or RRF, is a group of cargo 15 ships held in readiness by the Maritime Administration, but 16 it is aging and will need to be modernized over the next 17 decade. 2 years ago, the committee authorized the 18 Department to start a program to recapitalize the Ready 19 Reserve Force by authorizing DOD to purchase up to two 20 foreign-built vessels, while the Navy designed a family of auxiliary vessels for a number of uses, including 21 22 recapitalizing the Ready Reserve Force. Then last year, 23 Congress authorized the Department to buy five more foreignbuilt vessels as soon as the Department put forward a funded 24 25 plan to build new ships for the RRF in U.S. shipyards.

General Lyons, I am interested in the status and the next
 steps for RRF recapitalization in fiscal year 2020.

3 The Defense Department also needs to ensure that the Civil Reserve Air Fleet, or CRAF, program, which provides as 4 much as 40 percent of wartime airlift needs, remains viable 5 б after operations in Iraq and Afghanistan and will be able to 7 provide needed surge capacity in the future. General Lyons, 8 I am interested in your view on the state of this fleet and 9 if anything needs to be done to ensure these capabilities 10 and their readiness.

11 Our global transportation capability, owned and managed 12 by TRANSCOM, has been one of our asymmetric advantages for However, we cannot assume that potential 13 many years now. 14 adversaries will allow us free rein in this area in the 15 future. Last year, General McDew told the committee that 16 TRANSCOM has been conducting analyses to assess requirements 17 for an environment where our mobility forces would be 18 challenged, and his assessment was that additional 19 investment in lift would be needed. However, when we 20 received the report of that analysis in the Mobility Requirements Study earlier this year, the study's 21 conclusions differed from General McDew's assessment. 22 23 General Lyons, perhaps you could give us an update on why 24 there was a change.

25 Finally, TRANSCOM also faces a unique set of cyber

threats because of the command's extensive network with private sector entities in the transportation and shipping industries. General Lyons, I would like to get an update from you on progress in the cybersecurity efforts you have made since last year. б Once again, let me thank the witnesses for their service and for their testimony. Chairman Inhofe: Thank you, Senator Reed. You guys know the drill. First, you are going to have 5 minutes. Try not to exceed 5 minutes, but your entire statement will be made a part of the record. We will start with you, General Scaparrotti.

STATEMENT OF GENERAL CURTIS M. SCAPARROTTI, USA,
 COMMANDER, UNITED STATES EUROPEAN COMMAND/NORTH ATLANTIC
 TREATY ORGANIZATION SUPREME ALLIED COMMANDER EUROPE

General Scaparrotti: Chairman Inhofe, Ranking Member
Reed, distinguished members of the committee, good morning
and thank you for the opportunity to appear before you today
as the Commander at United States European Command. I am
honored to be here today this morning with General Steve
Lyons as well.

10 First and foremost, I want to thank you for Congress' support of the service members, civilians, and families in 11 Europe. These warriors demonstrate selfless service and 12 13 dedication to Euro-Atlantic defense, a mission that is 14 essential to our national security and to maintaining global 15 peace and prosperity. We as a nation are blessed by their 16 voluntary and exceptional service. Thank you again for your 17 steadfast support of these patriots and their mission.

18 The threats facing U.S. interests in the EUCOM area of 19 responsibility, which includes Israel, are real and growing. 20 They are complex, trans-regional, all-domain, and multifunctional. This remains one of the most dynamic periods in 21 recent history in my view. Russia has continued its 22 reemergence as a strategic competitor and remains the 23 24 primary threat to a stable Euro-Atlantic security 25 environment.

While the United States maintains a global military
 superiority over Russia, evolving Russian capabilities
 threaten to erode our competitive military advantage,
 challenge our ability to operate uncontested in all domains,
 and diminish our ability to deter Russian aggression.

6 In light of Russia's modernizing and increasingly 7 aggressive force posture, EUCOM recommends augmenting our 8 assigned and rotational forces to enhance our deterrence 9 posture. EUCOM also recommends further investments that 10 enhance European logistical infrastructure and capacity to 11 support rapid deployment of multi-domain U.S. forces in 12 Europe.

In addition to the threat from Russia, the risk of terrorism in Europe remains high despite a decline in fatalities from terrorist attacks in 2018. Violent extremists present a clear and present threat to Europe's people and their infrastructure.

18 Thankfully, the United States is not alone in facing 19 these other challenges across the Euro-Atlantic theater. As 20 our National Defense Strategy states, the NATO alliance deters Russian adventurism, contributes to the defeat of 21 22 terrorism, and addresses instability along NATO's periphery. 23 Our allies and partners play a vital role in our collective 24 security, and they have made significant progress in 25 increasing cash contributions and capabilities that provide

1 our common defense. For almost 70 years, NATO has been the 2 cornerstone of Euro-Atlantic security. As NATO adapts to 3 remain relevant and fit for purpose, we will find, as we 4 always have that every challenge is best addressed as an 5 alliance.

6 Let me close by, again, thanking Congress and this 7 committee for your continued support, especially the 8 sustained funding of the European Deterrence Initiative, EDI. EUCOM's future success in implementing our National 9 10 Defense Strategy and fulfilling our mission is only possible 11 with Congress' support. Thank you. 12 And I look forward to your questions. 13 [The prepared statement of General Scaparrotti 14 follows:] 15 16 17 18 19 20 21 22 23 24

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1	Chairman	Inhofe:	Thank you	ı, General	Scaparrotti.
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STATEMENT OF GENERAL STEPHEN R. LYONS, USA, COMMANDER,
 UNITED STATES TRANSPORTATION COMMAND

General Lyons: Chairman Inhofe, Ranking Member Reed,
distinguished members, it is an honor to testify before you
today and represent the men and women of United States
Transportation Command.

7 I am pleased to join General Scaparrotti. He is one of 8 several but very important supported commands of the United 9 States Transportation Command, and his more than 40 years of 10 exceptional leadership remains a stellar example for all of 11 us.

I could not be more proud of the more than 120,000 soldiers, sailors, airmen, and marines and coast guardsmen and civil servants that are assigned to United States Transportation Command. They project and sustain the joint force every day.

17 The Department's global deployment networks,

18 transportation capacity in air, on land, and over the sea 19 and our global command and control capabilities combine to 20 provide the United States with a strategic competitive advantage unmatched around the world. Somewhere on the 21 22 globe a TRANSCOM aircraft is touching down every 3 minutes. 23 TRANSCOM ships are under way. Aerial refueling missions are 24 orbiting overhead, and planes converted to intensive care 25 units are moving our nation's ill and injured.

I I should remind everybody, though, that the key to our success is global access, and I would like to highlight that our allies and likeminded partners that provide access to key regions, support substantial basing, and reinforce DOD's global reach are critical to our mission.

6 We know we must never take our success for granted. 7 For decades, we could generally deploy our forces when we 8 wanted, assemble them where we wanted, and operate how we 9 wanted. With the rise of great power competition, we can no 10 longer assume that we can operate with impunity.

11 Before closing, I would like to acknowledge the letters 12 that I received from more than a dozen Members of Congress 13 concerning the Defense Personal Property Program, which 14 relocates the household goods for our service members, 15 civilians, and their families. Simply put, I agree. We 16 lack the capacity during peak season, and we lack measures 17 to hold industry accountable. Our most important resource 18 is our people and we owe them better. So in consultation 19 with the service secretaries and the service chiefs and on 20 behalf of the Department, TRANSCOM is leading an initiative 21 to restructure our relationship with industry in an effort 22 to improve quality, capacity, and accountability.

In closing, I am proud to support DOD's enduring mission of providing a combat-credible military force to deter war and protect the security of our nation. Our

nation relies on United States Transportation Command to respond with immediate force on short notice and seamlessly transition to project a decisive force when needed. I am fully committed to retaining this strategic competitive advantage. б Thank you for your support to the Department and your support to United States Transportation Command, and I look forward to your questions. [The prepared statement of General Lyons follows:]

1 Chairman Inhofe: Thank you, General Lyons.

2 Senator Reed brought up in his opening statement the 3 question as to whether or not, General Scaparrotti, that we 4 have the right posture and the capabilities in EUCOM to 5 handle the credible deterrence against Russian aggression in Europe. What is your feeling about that? б 7 General Scaparrotti: Chairman, thank you. 8 We have clearly made progress in European Command, 9 thanks to the support of Congress. We have added forces and 10 capabilities. We have improved the readiness. But I would 11 tell you in response to your question that I am not 12 comfortable yet with the deterrent posture that we have in Europe in support of the National Defense Strategy. 13 14 Chairman Inhofe: Where are the shortfalls, as you see 15 them? 16 General Scaparrotti: Sir, I have shortfalls in our 17 land component and the depth of forces there -- I would like 18 to get into more detail in that in the closed hearing -- and 19 in our maritime component as well, both of those in 20 particular when you look at both the building capability and

And then finally of concern is my intelligence, surveillance, and reconnaissance capacity, given that increasing and growing threat of Russia. I need more ISR. And again, in the closed hearing, I can go into detail.

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the modernization of the Russian forces that we face there.

Chairman Inhofe: Okay. You will have that opportunity
 at 2:30 today.

3 General Scaparrotti, we keep hearing from sources that maybe we have some redundancy in our nuclear program. 4 Now, 5 we have been guilty I think for a long period of time in not addressing our nuclear modernization. We now are faced with б 7 a situation where we have both Russia and China with what we 8 would call a triad system. And I think that people with 9 your background need to respond as to why a triad system is 10 not redundant and is necessary.

11 General Scaparrotti: Well, sir, first of all, our 12 strategic nuclear force is critical to our deterrence and our security, and a triad as a part of that force is 13 14 important as well. Each one of those legs of the component 15 gives us specific qualities that are somewhat different, and 16 we need those differing qualities just for a safequard within the component itself, but also to make it complex for 17 18 our adversaries to determine or believe that they have the 19 opportunity to strike and gain dominance. And I think with 20 the triad I am certain that they cannot. I would note that they also have a triad as well. 21

22 Chairman Inhofe: Yes, and it needs to be repeated 23 because the suggestions keep coming on.

In Ukraine, Russia is now in their sixth year at war there. We have talked about and we have actually had

language in our defense authorization bills to send lethal
 help to Ukraine, and to my knowledge, there has only been
 one case where we actually were using lethal assistance.
 That was in the Javelin.

5 Can you tell us why we have not been able to б successfully do that since the authorization is there? 7 General Scaparrotti: Senator, I think as 8 recommendations for Ukraine, particularly on the lethal 9 side, work its way, it has to go through the policy 10 deliberations that provide authority to deploy those kinds 11 of weapon systems. And as you stated, we got the authority 12 with Javelin. The Ukrainians in my view have trained very 13 well for the use of that. They have been responsible in the 14 security and the deployment of it, and we watch that 15 closely. So they have handled that well.

16 There are other systems, sniper systems, ammunition, 17 and perhaps looking at the Kerch Straits, perhaps 18 consideration for naval systems as well here in the future 19 as we move forward.

20 Chairman Inhofe: Well, we have an authorization bill 21 coming up. Is this something that you think that we might 22 need some more language on?

23 General Scaparrotti: Well, as you will see, I will24 have recommendations for that.

25 Chairman Inhofe: Good.

General Scaparrotti: And I would like consideration of
 those recommendations.

3 Chairman Inhofe: Okay. I appreciate that. 4 General Lyons, I know there is a problem in trying to 5 get all the service materials transported out where they are 6 needed, and recently there has been some suggestion that 7 maybe some of that should be contracted out. Now, we have 8 gone through some problems with the housing program recently 9 on contracting out.

Do you have any comments to make about that as being one of the solutions to the problem that we face getting this material out?

General Lyons: Chairman, if you are referring to the joint deployment enterprise, we are heavily linked to industry on multiple levels. If we are referring specifically about the household good program -- I think that is what you are referring to, sir?

18 Chairman Inhofe: That is what I am referring to and 19 that is where the suggestion has come out.

General Lyons: Yes, sir. And what I would say on that is that is 100 percent commercial industry. It is not an effort to privatize whatsoever, but it is an effort to restructure our relationship with industry in a way that delivers higher quality capacity and holds carriers and the government accountable.

1 Chairman Inhofe: Good.

2 Senator Reed?

Senator Reed: Thank you very much, Mr. Chairman.
Again, gentlemen, thank you for your service and for
your testimony.

б Last March, General Scaparrotti, you testified before 7 the committee, I do not believe there is an effective 8 unification across the interagency with the energy and the 9 focus that we could attain. Is that still your view? 10 General Scaparrotti: Yes, Senator, it is still my view. We have improved, and Congress, as you know, has 11 12 committed funding to some of the entities in the interagency to help us with this. But it is still my view. 13

14 Senator Reed: I presume, based on your response, that 15 we need a synchronized campaign prosecuted in a unified 16 manner across the interagency, which is multiple 17 institutions, to counter Russian hybrid warfare and to deter 18 anything greater than that. Is that accurate?

19 General Scaparrotti: That is correct, Senator. We20 need a whole-of-government approach to this.

21 Senator Reed: Where are the gaps right now? Where is 22 it that we are not making the investments in your view? 23 General Scaparrotti: Well, I think actually we need to 24 probably get greater focus and energy into actually a 25 strategy, a multifaceted strategy, to counter Russia. As

you know, General Gerasimov just made another speech that underscored their view of indirect activity, the use of whole-of-government activities as a part of their spectrum of warfare. We have to approach this in a way that we can counter that and I think specifically within information operations, challenging their disinformation, and cyber areas that we need to continue to press.

8 Senator Reed: And that would presumably require State 9 Department activity. Again, I am old enough to recall the 10 Voice of America, which is something that was very 11 pronounced in the 1950s and the 1960s. Those types of very 12 proactive information campaigns -- they are not being 13 conducted at this point. Are they?

General Scaparrotti: Not in the way that you recall, when I recall, and I think we have the talent to pursue particularly when it goes to underscoring our values, which I think is important.

Senator Reed: And all of this is designed, obviously, to deter and to disrupt Putin's plans or aspirations, and without it, he has more of an open field. Is that correct? General Scaparrotti: Well, they have a good deal of agility, and they seem to have no constraints on what they are willing to say publicly.

24 Senator Reed: Thank you.

25 General Lyons, thank you for mentioning in your

1 comments the defense personal property program, DP3. As the chairman indicated, we are receiving some comments, and I am 2 3 going to follow up with some specific questions for the 4 record because I think this is an important issue. There is 5 a proposal to move to a single mover manager. Again, this has some echoes of some of the discussions we are having б 7 currently about housing issues in the military. So we want 8 to be ahead of the game. And so we will send those 9 questions to you for your response.

Even before you took charge at TRANSCOM, the command was concerned about war planning. For many years, we assumed that we would be operating in a benign atmosphere. We could fly civilian aircraft unprotected. We could move ships in unprotected, et cetera.

Last year, General McDew, your predecessor, hinted that, for example, the KC-46 tanker that we are buying might be too expensive to purchase because the number we would need in a challenge situation to replace and to overmatch the adversary would be significantly more than projected.

As a result, we asked TRANSCOM to produce a mobility requirements study, and the report essentially came back and said there is no problem with our ability to support contingencies, we have got the right mix. It essentially was disconnected with the comments that I heard, at least my perception of what General McDew was talking about.

1 What has changed? We all recognize this is going to be 2 a much more hostile environment to move equipment in, and we 3 do not seem to be responding in an appropriate way. Your 4 comments, sir.

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General Lyons: Sir, thanks for the question.

I think you are referring to the Mobility Capabilities Requirements Study that the NDAA directed in 2018. And that study was directed between the Department and TRANSCOM to look at force sizing and sufficiency of the mobility force against the program essentially out to 2023. We did that and we did that based on a demand signal from the existing plans that exist on the books today.

13 But I would acknowledge to you today -- and I think 14 General McDew was alluding to this -- as we emerge our 15 defense planning scenarios to be more reflective of the 16 defense strategy, as we emerge and develop globally 17 integrated plans, which are happening right now in the Joint 18 Staff, we do see the potential for an increased mobility 19 requirement, particularly in the area of aerial refuel, 20 which is the lifeblood of the joint force.

Senator Reed: So what you sent up to us has beenovertaken by events, more or less.

General Lyons: Sir, I would say we still have work to do on the plans on which it is based. So the demand signal is emerging right in front of us. We will adapt the study

1 to the plans as they evolve. Yes, sir.

2 Senator Reed: Thank you.

3 Thank you, Mr. Chairman.

4 Chairman Inhofe: Thank you, Senator Reed.

5 Senator Wicker?

6 Senator Wicker: Thank you, Mr. Chairman.

General Scaparrotti and General Lyons, thank you very
much for your work, and I think it is clear that we have
great leadership in your area of responsibility.

10 General Scaparrotti, about 3 weeks ago, this Congress 11 sent five delegations, House and Senate, to the Munich 12 Security Conference. That show of force was followed on 13 then by a delegation going to the NATO parliamentary 14 assembly and another delegation going on a week later to the 15 OSCE parliamentary assembly.

Does that volume of participation by House and Senate Members send a positive statement? Is it helpful to you in dealing with your friends in Europe -- with our friends in Europe?

20 General Scaparrotti: Yes, sir. First, it is very 21 helpful, and it is helpful to us as a nation. You know, at 22 Munich, that was the largest congressional delegation that 23 they have ever had there. It was noted by everyone. That 24 in and of itself is a strong message of commitment to our 25 allies in Europe. And then I would tell you the

congressional delegations that traveled during the year to
 different spots within European Command have a very positive
 influence, again another sign of commitment and actual
 discussion about the issues of the day. I routinely get
 feedback from the chiefs of defense, ministers of defense,
 and others when our congressional delegations visit. So I
 know that it has an impact.

8 Senator Wicker: Okay. Well, I could guess we could 9 have a debate about whether there is a crisis in NATO. I 10 hope there is not. But I do hope that the strong statement 11 of wanting to be involved was heard. And I appreciate your 12 comments in that regard.

General Scaparrotti, you are recommending augmenting our forces in Europe. Specifically with regard to sea power, what are your suggestions? For example, there are four destroyers in Rota, Spain now. Do we need six? And what else needs to be done? What specifically can you tell us in an open hearing that would help with regard to our sea power aspect of helping you?

General Scaparrotti: Well, as you know, specifically for the maritime component, what we are looking at is we are looking at an evolving and modernizing Russian fleets, and in the closed hearing, I plan to go through just the changes I have seen in the 3 years that I have been in European Command. If we want to remain dominant in the maritime

domain and particularly under sea, which we are today, we
 have got to continue to modernize, and I think we need to
 build our capacity.

So specifically for destroyers, yes, I have asked for two more destroyers within EUCOM. I would like to go into a little more detail on that in the closed hearing rather than here. But again, we do need greater capacity, particularly given the modernization and the growth of the Russian fleets in Europe.

10 Senator Wicker: In addition to the two destroyers, can 11 you tell us publicly what else you are asking for in terms 12 of ships?

General Scaparrotti: Well, this primarily has to do with capabilities that deal with the numbers of Russian ships that we see within our theater today and also for anti-submarine warfare. And I would like to go into the more detailed piece in the closed hearing.

18 Senator Wicker: Are we going to need more ships or 19 fewer ships?

20 General Scaparrotti: Well, you know, that is a service 21 question as to how they --

22 Senator Wicker: In your area.

General Scaparrotti: In my area, more. And I would like to see -- or at least the rotation of naval component, carrier strike groups, amphibious strike groups at a little

better pace than I have seen in the 3 years that I have been
 in command.

3 Senator Wicker: General, at the Halifax Security 4 Conference and at the Munich Security Conference, a number 5 of us met individually with the defense minister from 6 Turkey. At the military level, are we doing better with 7 Turkey than it would appear on the front pages of the 8 newspapers? What is the news out of Turkey recently, and is 9 there any good news?

10 General Scaparrotti: Well, I would say, first of all, that we have a good, very strong mil-to-mil relationship 11 with our counterparts in Turkey. I know very well their 12 13 chief of defense and their minister of defense, who was the 14 chief prior to this, prior to him becoming the minister. We 15 do have some differences, as you know and you can see in the 16 paper. But we have very candid and frank conversations, and 17 we have been very successful at working through mutual 18 interest to this point. Our mil-to-mil relationship, as it 19 reflects in the deployment of our forces, in my view has 20 improved over the past year. So that is what I would hope that our work together will continue to do here as we look 21 22 at the tough issues we have got to face within European 23 Command.

Senator Wicker: So in terms of military-to-military,
things are a little better than they were a year ago.

1 General Scaparrotti: They are. They have improved, 2 and I think we have a good candid relationship. 3 Senator Wicker: Thank you, sir. Chairman Inhofe: Thank you, Senator Wicker. 4 5 Senator King? Senator King: Thank you, Mr. Chairman. 6 7 First, General Lyons, I noted your concern about the 8 movement of personal items and want to volunteer as a consultant. 50 years ago, I worked for Allied Van Lines in 9 10 this area moving military families. So if you need technical assistance, it is a lot better, for example, to 11 12 move a carton, to pick up a carton of lamp shades than it is 13 books. I learned that the hard way. So anyway, I could not 14 resist. You brought back a lot of memories when you talk 15 about moving furniture for military families. 16 General Scaparrotti, I know you touched on this, but 17 game out for me what happens if little green men appear in 18 Lithuania or Latvia? Have we war-gamed what happened in the 19 Ukraine and Crimea? How do we respond? It seems to me this 20 is a real challenge for our whole deterrent posture. General Scaparrotti: Yes. We have taken a close look 21 at both what has happened in the past and what we think 22 23 could potentially happen here in the future. 24 The first thing I would say is that as a result of 25 that, we have worked with our allies in the Baltics, Poland,

Romania, Bulgaria along the eastern border on what we have learned and also on the capabilities that we think we need as an alliance, both them and us, in order to deter this. And our first perspective is what do we do today to ensure that Russia fully understands the commitment of article 5 for an alliance.

7 Senator King: But the question is what is the 8 definition of attack. It seems to me that is the gray area 9 that we are in to know when and how to respond when it is 10 not clear that tanks are not rolling across the border.

General Scaparrotti: You have hit it on -- I mean, the thing that I worry about most --

Senator King: You can continue with that, you hit it on the head, Senator. I like that in the record.

15 [Laughter.]

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16 General Scaparrotti: Well, you did.

17 The thing that is difficult is not necessarily an 18 actual attack that you can see coming. It is actually the 19 kind of subversive undermining of both the nation's authority, one of the nations that they are undermining, 20 which is what they do, and other elements of power that are 21 not necessarily military. The military would be one of the 22 last that they want to use. So that is the most difficult. 23 24 But we also work with our interagency to the point that

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Senator Reed made. That is the importance of all of our

1 elements of power here. When you can combine 29 nations 2 with their elements of power in response to Russia's, it is 3 a slam dunk. There is no doubt that we can handle this, and they will be deterred. But we have got to work together. 4 5 Senator King: A question about funding and budgets. 6 We have not seen a budget yet, but there is talk that there 7 will be a significant increase in the military budget but 8 primarily in OCO as opposed to line items. Give me your 9 thoughts about having money in OCO rather than allocations 10 and authorizations that you can put to work in your AOR. 11 General Scaparrotti: Well, primarily those budgets 12 that come in within the base budgets itself, laid out in a FYDP, give me greater stability and knowledge of what is 13 14 coming in the future. So really what we need is 15 predictability. OCO tends to fluctuate each year. And so I 16 personally underscore the greater predictability we have and 17 stability in our budget as we look forward. Obviously, the 18 more efficient we can be with our funding and the more sure 19 that what we need in terms of force capability, readiness, 20 et cetera, can be planned and we can deliver it. Senator King: Thank you. I appreciate that. 21

General Lyons, you mentioned in your testimony -- and it is clear -- that a large part of your responsibility is met through civilian enterprises, shipping, airplanes. And I know you talked about this, but please outline for us your

level of satisfaction and confidence in the cybersecurity of
 the private sector partners.

General Lyons: Sir, we acknowledge this is a
significant challenge. We work very closely with our
industry partners. As a matter of fact, we have introduced
language into our contracts. We require self-assessments.
We do a level of analysis on that, and we work more closely
to ensure that their resiliency is improving.

9 However, I would admit to you that if an advanced, 10 persistent threat actor were on their systems today, it 11 would be problematic. There is no question about that.

12 Senator King: Do you red team their systems? Self-13 analysis does not make me sleep a lot better at night. Do 14 you have a red team capacity where you can mock attack them 15 to show them their vulnerabilities?

16 General Lyons: No, Senator, we do not.

17 Senator King: I would urge you to consider that as an 18 option. In other areas of the government, that has been 19 very effective. It has a way of waking people up when a 20 skull and crossbones appears on the CEO's computer.

21 General Lyons: Sir, I agree with that.

22 Senator King: Thank you, General.

23 Thanks, Mr. Chairman.

24 Chairman Inhofe: Thank you, Senator King.

25 Senator Fischer?

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Senator Fischer: Thank you, Mr. Chairman.

General Lyons, as you know, Nebraska is the home of the 155th Air Refueling Wing, and that plays an important role especially during deployment with your command. I am proud of those airmen. I just met with them a couple of weeks ago back in Nebraska.

But my question to you is when we are looking at the challenges and the risks that we are facing in order to meet the future demands -- you kind of touched on that earlier -what is the biggest issue you see contributing to the limiting capacity of the fleet?

12 General Lyons: Ma'am, specifically in the area of 13 aerial refueling?

14 Senator Fischer: Yes.

General Lyons: I think you alluded to this. I mean, aerial refueling is the lifeblood of the joint force's ability to project power immediately. There is nothing in the joint force we can do without that capability. And so I was very pleased to see the Air Force accept the KC-46 and begin that modernization process. I think that is a very important first step.

The other initiatives that the services are working -the service in this case, the Air Force -- is improved readiness against the KC-135 fleet and the potential deferment of divestiture of some of those weapon systems so

1 that we do not have a dip in capability over time.

Senator Fischer: I am happy to hear you say that. As you know, the KC-46 -- it is online, but it is going to take quite a while to make it an important part of the fleet.
And as we look at the 135, there are maintenance issues, and we are seeing delays in that.

7 Are you confident that there is a good balance between 8 active, reserve, and guard when it comes to refueling? General Lyons: Ma'am, I am. I will defer to the 9 service on the force mix specifically, but I think you know 10 11 very well we have quardsmen on alert, 2 hours trip alert 12 today. It is a total force effort in everything we are 13 doing. Over 60 percent of our capability does exist in the 14 Guard and Reserve.

15 Senator Fischer: What would you offer us as 16 suggestions so that we can mitigate some of the obstacles we 17 are facing with that limited refueling fleet that we have 18 with their capacity? Do you have any suggestions for us? 19 General Lyons: Well, ma'am, in the near term, it is 20 really about generating higher levels of readiness. So in 21 the KC-135 fleet, for example, we are unable to meet that 85 22 percent goal. The Air Force is working very, very hard to improve that readiness. In the near term, that would 23 24 generate more tails available for mission.

25 Senator Fischer: Thank you.

1 General Scaparrotti, I would like to ask you about some logistic challenges that I think you face in EUCOM. 2 There 3 have been quotes in the past, in fact, from you when you said the expansion of the alliance to include former Eastern 4 Bloc countries has exacerbated the lack of common 5 б transportation networks between the newer NATO members in 7 the east and the more established allies in the west. For 8 example, Germany just allows trucks loaded with tanks to be 9 on their highways at night on weekdays. The rails on the 10 Baltic railroads -- the gauge is set wider apart than we 11 have in the western standard. It is my understanding trains 12 have to be unloaded and then reloaded near Poland's border 13 with Lithuania.

As we are looking at movement of troops and to be able to respond quickly, to some of the possible challenges that we are looking at in that area, how serious is this issue today? And what steps have you taken in order to address that?

19 General Scaparrotti: Well, thank you.

It is true what you stated in terms of the status today in Europe. It is a serious issue because we need to be able to move 360 within Europe with our forces and the allies' as well.

If there is good news, the good news is that, as you know, Congress has supported, particularly through EDI, some
of the key infrastructure improvements that we need, particularly in the east, to support our movements, reception of our troops, support of the troops that we put in place there, but also it helps the allies. And the allies, as well, are financing, along with many of those projects, things that they should do with regard to airfields, fuel lines, rail, et cetera.

8 Senator Fischer: I apologize for interrupting you, but 9 are we trying to facilitate some changes so that our NATO 10 allies can make those changes? Are they working together as 11 well?

General Scaparrotti: They are. So within NATO and EU 12 13 both, NATO had a study, you know, the infrastructure and 14 logistics support that needed to happen. EUCOM was very 15 involved in that. We provided help with them, and we also 16 provided to the EU who did a mobilization study. That has 17 resulted in about \$7 billion the EU is going to invest in 18 logistics and infrastructure over the next 5 or 6 years. 19 Much of what we recommended was, in fact, accepted. So we 20 now have a study. We know what our issues are. We have got insight within both EU and NATO on that, and we have got to 21 22 follow up and make sure that that investment goes to the right places and actually makes a difference in military 23 24 mobility.

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Senator Fischer: And to be able to have a rapid

1 response.

2 General Scaparrotti: That is correct. 3 Senator Fischer: Thank you, sir. Chairman Inhofe: Thank you, Senator Fischer. 4 Senator Peters? 5 Senator Peters: Thank you, Mr. Chairman. 6 7 And to our witnesses, thank you for your testimony and 8 your service over many years. 9 General Scaparrotti, you are well aware that if there is ever a major conflict in Europe, the first shots are 10 likely to be cyber. They are not going to be kinetic. And 11 12 we have to be prepared for that. And I know since the 13 Russian attack against Estonia in 2007, the Baltic countries 14 have been really leaning into this in a pretty major way. 15 Estonia created the Cyber Defense League, established NATO's

16 Cooperative Cyber Defense Center of Excellence, and as you
17 know, Latvia is home to NATO's Strategic Communications
18 Center of Excellence.

But I would like you to give us an update and share some of your thoughts on what you are seeing in the Baltic countries, lessons learned, things that we may want to be replicating in other places around the world.

General Scaparrotti: Well, you noted the changes that have taken place. I would add as well that after NATO determined that cyber was in fact a domain, which needed to

happen to give me as SACEUR authorities, we now have a cyber 1 2 center that operates within NATO. It is connected with each 3 of our nations. Most of them are building a cyber 4 capability. You noted the Cyber Center of Excellence, for 5 instance, that I think is a very good one. It is important б because it is through that process -- that is one of those 7 nodes that we are able to advance lessons learned, do 8 training, ensure that we can help with defense within NATO 9 but also to specific nations.

10 So like anything in cyber, though, it is a very dynamic 11 world. We are facing Russia, who is very agile in this and 12 good at it. And so we really cannot rest. We have got a 13 lot to do yet in cyber, particularly capacity. We have to 14 build the skills we need to man these centers.

15 Senator Peters: You know, one idea that has come to me 16 -- and I would love to have your comments on it as we try to 17 provide more resources into that and really leverage some of 18 the State partnerships we have with the National Guard. And 19 so, for example, in Michigan, we have a cyber unit in 20 Michigan, but those around the country as well. And I know our partners in the Baltics would love to have more presence 21 22 of U.S. forces in country there as well.

Talk to me a little bit about whether or not it makes sense to have rotations of particularly cyber National Guard units. I mean, this would be good for morale. It would be

1 great for retention. It would be great for recruiting. It 2 would allow them to be at the tip of the spear while 3 exchanging great ideas. Is that something that makes sense 4 to you?

5 General Scaparrotti: It absolutely makes sense, and it б is something we are already doing particularly where you 7 have State partnership programs because they have a level of 8 trust that has been built, some over 25 years, and they have 9 that expertise. And it helps me in EUCOM because otherwise I pull from my cyber center expertise, and I send that team 10 11 out to a nation. Here we can rotate forces through from a 12 State with the same expertise and ability to build that capacity. So we are actually beginning to do more of that 13 14 in Europe today.

15 Senator Peters: I understand there might be some need 16 for additional funding through the National Guard to do 17 that, or are there adequate resources for you to conduct 18 that program or will you need more?

19 General Scaparrotti: You would have to ask the
20 National Guard for the specific answer to that, but my
21 general response is when you pick up an OPTEMPO like that
22 and you bring them in -- and generally, for the Guard there
23 is a funding issue, and one of us has to pick that up.
24 Senator Peters: So we can explore that further because
25 I think that is necessary for us to do that.

General Lyons, I am a former supply corps officer in the U.S. Navy Reserve, and so I think there is a lot of truth in General Omar Bradley's maxim that amateurs talk tactics and professionals study logistics. And so it is good to have you here.

I wanted you to comment a little bit about a recent б 7 Defense Science Board Task Force Survivability Logistics 8 Publication that came out that talked about the decay in 9 logistic readiness was perhaps a result of insufficient war-10 gaming that incorporated logistics. In a lot of war games, 11 they are typically just wished away. We know professionals 12 cannot wish away logistics or you are in a world of hurt 13 pretty quickly.

14 Could you comment on that report and give us an update 15 on how you are integrating combatant commanders with 16 exercises so the logistics is an integral part of war-gaming and a real part of war-gaming, not just wished away? 17 18 General Lyons: Senator, thanks for the question. 19 I am familiar with the report. There are efforts 20 actually ongoing now, given the defense strategy and the security environment, that will operate in the future to 21 22 better connect logistics outcomes, for example, in 23 TRANSCOM's case, mobility outputs and our ability to 24 generate the force with a campaign analysis, which is 25 currently disconnected. So we are working with the

1 Department to move in that direction in the future.

Senator Peters: General Scaparrotti, briefly. I know we are running out of time. But how is that being incorporated in your war-gaming?

5 General Scaparrotti: We work very closely here in б terms of our war-gaming and do a transportation feasibility 7 in each one of those. So our planners in fact work with 8 his, either coming back or they come when we do our war 9 planning. And that is just a standard part of what we do. 10 Senator Peters: And you do not think it is just being 11 wished away -- the logistics challenges and the war-gaming? 12 General Scaparrotti: No, I do not. In fact, if anything, we have leaned into this trying to be very factual 13 14 about what our problems will be, particularly with respect 15 to those in Europe, as we mentioned earlier.

16 Senator Peters: Great. Thank you, gentlemen.

17 Chairman Inhofe: Thank you, Senator Peters.

18 Senator Cotton?

19 Senator Cotton: Thank you, Mr. Chairman.

Thank you, gentlemen. General Scaparrotti, welcome to your last hearing and, General Lyons, to your first hearing. I am sure there were no jokes made at General Lyons' expense before this hearing began by General Scaparrotti.

24 General Lyons, with that smile on your face, I would 25 like to address some issues I have heard from logistics

1 companies, including some in Arkansas, dealing not just with your command but with the Federal Government as a whole, but 2 3 obviously, your command is one of the largest if not the 4 largest in the entire government when it comes to moving 5 things and equipment. They express frustrations with the б kind of inscrutability or perplexed at the bureaucratic 7 challenges of dealing with the government. A lot of these 8 companies are either run by veterans or they have a large 9 veteran workforce, given the training that the military 10 gives its personnel in logistics. They would like to work more with the government and with TRANSCOM in particular. 11 12 They just sometimes find it to be a challenge.

13 What kind of working groups, if any, does TRANSCOM have 14 with private industry to try to make what you do more 15 transparent to them so they can better serve our personnel 16 through your command?

17 General Lyons: Senator, it is a great question. We 18 are inextricably linked in our relationship with industry 19 and their ability to generate the force.

20 We have a relationship with our industry partners at 21 multiple echelons, all the way from action officer to 22 executive working groups that my three-star deputy leads. I 23 also meet at least two times a year with the senior 24 executives from our industry partners.

25 And I acknowledge your point that from time to time,

based on our federal acquisition regulations, it can be a bit of an obstacle to work with the government. And so we try to minimize that as much as possible, and in fact, that is really, Senator, what is driving some of our restructure initiatives on the household goods side of the house to open up the market to more capacity.

7 Senator Cotton: Good. I would just like to encourage 8 that kind of linkage to continue. As the logistics industry 9 changes so rapidly through the use of information 10 technology, the more connections you can have to private sector leaders and to the people who are out doing this on 11 12 the front lines I think it will just be beneficial to the 13 personnel that you are serving on the front lines, whether 14 it is moving household goods in the summer months or getting 15 material down range as well. And I would like to have my 16 office continue to work with your command to try to facilitate some of those conversations. 17

18 General Lyons: Sir, that will be great. Thank you. 19 Senator Cotton: General Scaparrotti, I noted with 20 great interest that Vladimir Putin yesterday directed Russia to withdraw from the Intermediate-Range Nuclear Forces 21 22 Treaty, which I find somewhat ironic since they have been 23 violating their commitments under the INF Treaty for the 24 last 10 years. Do you have any thoughts on that news? 25 General Scaparrotti: It would only be to underscore

what you just suggested and that was the fact that they left
 the INF Treaty some time ago, years ago, by very
 deliberately producing a weapon in violation, and they have
 been deploying that weapon.

5 Senator Cotton: And the United States Government has 6 publicly recognized these violations under both the Obama 7 administration, the Trump administration. We recently 8 announced our intent to withdraw from the INF Treaty.

9 Was there any public opposition from a NATO partner or 10 was it uniform NATO support for the United States' decision 11 to withdraw from that treaty?

12 General Scaparrotti: NATO both in December and 13 February produced very strong statements in support of each 14 step that we took in terms of our withdrawal from the INF 15 Treaty.

16 I would say that our NATO allies understand that the 17 INF is a very important component to European security from 18 their view. They will emphasize -- I am sure you have heard 19 them -- with each step they would hope that we would 20 continue to work to bring Russia back into compliance before 21 we are fully out, the 6-month period, or that we would look 22 forward from that then to perhaps a new treaty that would 23 encompass the new weapon systems, et cetera. So they very 24 much understand the importance of this, but they did support 25 us strongly -- 29 nations strongly -- in our decision.

1 Senator Cotton: Thank you.

2 Obviously, one reason why it is in our national 3 security interest to withdraw from the INF Treaty besides 4 Russia's noncompliance with the treaty is that China has 5 been free to build intermediate-range missiles at unlimited 6 rates for decades now. And as you know from your time at 7 U.S. Forces Korea, that has a significant impact on our 8 security interest in the Pacific region.

9 But China is not just limited there. It wants to be a 10 global player. I noted with interest last year that the 11 Government of Denmark agreed to build some airports at 12 Greenland, which it controls, not exactly considered a 13 traditional EUCOM area, but it is within your area of 14 operations.

What are the implications of Chinese presence if they were to get a foothold, which they were largely denied in that airport construction project last year in the high north?

19 General Scaparrotti: Well, it could have an absolute 20 impact. I mean, I am concerned personally about the 21 strategic investments that we see by China throughout Europe 22 in air and sea ports or vicinities of that in critical 23 technologies and companies that hold that particularly in 24 the high north where you note Greenland and Iceland both are 25 important bodies in that line of communication. So I think

we need to watch carefully China's investment in these
 ports. And as you know, many of their commercial companies
 are actually state-owned.

4 Senator Cotton: Thank you.

5 General Scaparrotti, I want to thank you for your б service to our nation for over 40 years. I know you have 7 been wearing that fourth star on your shoulder for longer 8 than anyone else in the armed forces right now. You have 9 well earned the retirement that you have ahead of you. But 10 I think I speak for most members of this committee when we say that we would like to see you back in the employ of 11 12 Uncle Sam sometime in the future.

13 Chairman Inhofe: Thank you, Senator Cotton.

14 Senator Shaheen?

Senator Shaheen: Well, thank you both for being here and for your service to the country.

17 General Lyons, I want to follow up on some of the 18 concerns that have been raised by Senators Reed and Fischer 19 about the phasing out of our KC-135's and when the KC-46's 20 are going to arrive. It is my understanding that in New Hampshire where we have the 157th Air Refueling Wing that 21 22 there will be a period of months between the time the 135 is 23 phased out and the 46 is delivered, given that it is already 24 behind schedule.

25 Can you comment on what we should assume will happen

1 during those months when there is no refueling capacity and 2 whether the intent will be to try and keep the 135's around 3 longer until the delivery of the 46's?

General Lyons: Ma'am, from my perspective, that is the key issue is to maintain operational capability throughout the conversion. And the Air Force is working that very issue. In fact, they are working currently to delay the divestiture of a select number of KC-135's so that we do not have this exorbitant dip in capability over time. And so the service is working that, ma'am.

Senator Shaheen: And should we assume that that is going to happen? I mean, I appreciate that the service is working it, but does that mean that we are going to see that extension happen?

General Lyons: Senator, it has been my request. It has been well received by both the air component and the chief. Obviously, it is going to cost some money, and when the money is put into the program, that is when we will know. But the intent is to retain 28 weapon systems beyond their currently scheduled retirement.

21 Senator Shaheen: Thank you.

And in terms of Boeing's delivery of the 46's, I know that they have accepted or made a commitment to address some of the concerns that have been expressed about the tankers. Do we know whether that is going to speed up the further

1 delivery, or should we assume that we are going to see 2 further delays?

General Lyons: Ma'am, the decision to deliver I think was a good one. Right now, we are on a pause, as you may know, based on some Boeing issues with a foreign object. So I do not have a sense, until that is cleared up, for the impact on the program. But I will talk to the Air Force about that.

9 Senator Shaheen: Thank you. I appreciate that. And I 10 am sure that all of us hope that Boeing will do everything 11 they can to make sure those deliveries are done to address 12 the concerns that have been raised.

13 General Scaparrotti, you mentioned in your testimony 14 the concern about Turkey acquiring the S-400 at the same 15 time they are supposed to take delivery of the F-35's. And 16 I know that there has been an effort underway to try and 17 encourage Turkey to look at other alternatives and that 18 there was an offer made early in January for the sale of the 19 Patriot system. They have until the end of March, it is my 20 understanding, to decide whether they are going to take 21 delivery of that or not.

But the question I have is, if Turkey moves forward with the agreement with Russia on the S-400, do we assume that they should receive delivery of F-35's and what does that do to their accessing that technology?

General Scaparrotti: Senator, I would say, first of all, if they accept the S-400 and to establish it within Turkey, there is, first of all, an issue that it is not interoperable with NATO systems nor is it interoperable inside of our integrated air missile defense system. So that presents one problem.

7 The second has to do with the F-35. It presents a 8 problem to all of our aircraft, but specifically the F-35 I 9 believe. And my best military advice would be that we do not then follow through with the F-35 flying it or working 10 11 with an ally that is working with Russian systems, 12 particularly air defense systems, with one of our, what I would say, is probably one of our most advanced 13 14 technological capabilities.

15 Senator Shaheen: I am pleased to hear you say that, 16 but the question I guess I have is I understand that some of 17 the parts for the F-35 are being made in Turkey and what 18 happens to that assembly and who picks up that slack if 19 Turkey cannot receive the F-35.

General Scaparrotti: Well, that is one of the issues that is being considered and will be considered I am sure, as you know.

But for them, I would just underscore the fact that this is a huge decision for Turkey. I have talked to them personally as all of our leadership has. It connects in

1 many different ways to the employment and the integration 2 that they have within the system itself, the F-35, but also 3 the FMS and other systems that we sell to Turkey as well. 4 And so I would hope that they would reconsider this one 5 decision on S-400, one system, but potentially forfeit many 6 of the other systems and one of the most important systems 7 that we can provide them.

8 Senator Shaheen: Well, thank you. I share that view. 9 I think Turkey is an important ally, but it is one that we 10 hope to be able to depend on.

11 Thank you, Mr. Chairman.

12 Chairman Inhofe: Thank you, Senator Shaheen.

Let me inform you that some of the KC-46's have been delivered. In fact, I flew the right seat of a KC-46 from Seattle, Washington to Altus. It is running fine.

16 Senator Sullivan?

17 Senator Sullivan: Thank you, Mr. Chairman.

18 And, gentlemen, thank you for being here and your 19 service.

General Scaparrotti, I want to talk about a few things. First, there is a narrative that I think has played out a lot in the media that the administration or what you are doing in your capacity is somehow being weak on Russia and Putin. So I just want to talk about a few actions that under your leadership we have been taking because is it not

1 true that the one thing that Putin understands more than 2 anything is power. Right? Would you agree with that?

3 General Scaparrotti: I would agree.

4 Senator Sullivan: Power of military forces, energy5 production, not worth by actual power.

6 So does it help that we have now our forces deployed in 7 countries like Poland and the Baltics in the European 8 Reassurance Initiative, which this committee has supported 9 in a bipartisan fashion?

10 General Scaparrotti: Yes, sir, very important.

11 Senator Sullivan: It does not get a lot of press, but 12 my colleague, Senator Ernst, was recently in Ukraine. And 13 as you know, the previous administration was reluctant and 14 never helped the Ukrainians with defensive weapon systems 15 that they could use to protect themselves. Under Secretary 16 Mattis' leadership when he got involved, we did provide the 17 Ukrainians the Javelin anti-tank missile system. How is

18 that working out?

19 General Scaparrotti: Senator, first of all, as I said 20 earlier in testimony, they have received the system. I have 21 been impressed with their training and their preparation to 22 utilize it.

Senator Sullivan: Do you think that makes Russian T-72
tank drivers in eastern Ukraine a little more nervous?
General Scaparrotti: I think it does. I think the

fact that they have a Javelin that they can employ and they
 know how to employ it is a deterrent.

3 Senator Sullivan: Are we seeing any force posture 4 indications that they are taking that into consideration 5 when they are moving those kind of forces? I am talking 6 about the Russian forces.

General Scaparrotti: Not directly because we have not employed them right on the line. The Ukrainians have not. But I am sure that they are aware of them, and they take that in consideration in the employment of their forces and where they put them. They know it is a lethal weapon system.

13 Senator Sullivan: Thank you.

I do not know if you mentioned it -- I am sorry. I had to step out prior to your testimony. But could you talk a little bit about the Vostok 2018 exercise? My understanding was it involved 300,000 Russian troops, 80 ships, notably 3,200 Chinese troops, including up to as many as 900 Chinese tanks. Are those reports accurate and should we be concerned about that?

General Scaparrotti: Well, first of all, the numbers that they published are higher than what was factually present. I can talk in more detail on this in a classified hearing this afternoon. It was not that large, but it was large. And, yes, we should take notice primarily because it

1 was designed for them at a very strategic operational level 2 to be able to command and control large forces in a force-3 on-force type of exercise scenario. It connected them with 4 many of their -- multiple of their regional commands 5 specifically in order to practice that. It covered both б conventional long-range precision munitions training, as 7 well as nuclear training offset toward the end. And it 8 included China, as you noted, which is the first time I can 9 recall them providing forces in a partner training scenario, 10 which is quite unusual. So the size of it, the complexity 11 of it, the communications that they demonstrated, the fact 12 that it was a hybrid conventional and nuclear exercise I 13 think is all important.

14 Senator Sullivan: Thank you for that.

General Lyons, you and I had a discussion, and the chairman I see was just talking about the KC-46 and the deployment of that. I know that is not ultimately your call, but certainly you are an advocate and you have a lot of knowledge. I am going to ask just a couple quick questions that I would just appreciate quick answers to.

But when you look at the places where you would want to deploy that, either CONUS or OCONUS decisions, you know, the National Defense Strategy prioritizes great power competition with China and Russia, decisive action against North Korea, would it make sense to place KC-46's in a part

of an American territory, State, or otherwise as closely
 proximate to those places?

General Lyons: Senator, just to be clear, Alaska isclearly a strategic location.

5 Senator Sullivan: So you are getting to my punch line 6 already. I have not even gone through the list. Let me go 7 through the list.

8 So we are close to all those places. We are the only 9 State where you are actually right at the seams of EUCOM, 10 PACOM, NORTHCOM, STRATCOM. The State of Alaska is in the 11 seams of every one of those. The OPLANs that support 12 contingencies all focus on Alaska. It has the fourth 13 largest fuel storage area of the Air Force in any place in 14 the world. It is going to have over 100 fifth generation 15 fighters in the next 2 years. 100. No other place on the 16 planet earth will have 100 combat-coded fifth gen fighters. 17 It has the existing infrastructure to support aerial 18 refueling operations. And JPARC will be the best training 19 place for fifth gen aircraft anywhere in the world. 20 So is your advocating for the KC-46 -- I mean, of course, I am advocating for the State I represent, but I 21 22 would not do it unless I thought it made 100 percent 23 strategic sense. So just give me your thoughts on that very 24 quickly.

General Lyons: Sir, I know the Air Force is still

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developing the basing plan. It is not complete yet, particularly in the future years. I do have confidence that they will look completely at the operational range and capability to be able to swing and give us the flexibility in TRANSCOM to employ that important weapon system. And I am sure that Alaska is part of that discussion. I just do not know the details, sir.

8 Senator Sullivan: Thank you.

9 Thank you, Mr. Chairman.

10 Chairman Inhofe: Thank you, Senator Sullivan.

11 Senator Duckworth?

12 Senator Duckworth: Thank you, Mr. Chairman. I hope on 13 that right-seat ride, you did not try to get them to do a 14 hammerhead or anything, did you, with any aerobatic

15 maneuvers?

16 [Laughter.]

17 Senator Duckworth: Stay within the restrictions.

18 Gentlemen, thank you so much for your participation 19 today.

General Scaparrotti, I want to return to the discussion about logistics challenges especially in the Eastern European area. Illinois National Guard has been the sponsor in the State Partnership for Peace program with the nation of Poland for 28 years now I believe -- 27-plus years. So through my service, I am somewhat familiar with the

1 challenges that we face there.

2 Could you update us on how the establishment of the 3 NATO Joint Support and Enabling Command is going? Let us 4 remind us of why it was created and what it will better 5 enable you to do in theater to respond to Russian 6 aggression. And when will this command be fully 7 operational?

8 General Scaparrotti: The establishment of JSEC, as you 9 called it, is moving I think on timeline. It is actually 10 ahead of pace in my view. The Germans who were the 11 framework nation for this headquarters in Ulm, Germany have 12 -- in my view they have really leaned into this. So they 13 have already got their commander designated. They have a portion of the staff there. They have been present in my 14 15 headquarters in SHAPE to do the further planning that needs 16 to take place to ensure that it is right-sized, to make sure 17 that the planning, the understandings, roles, and 18 responsibilities are correct. So that is really the piece 19 that we are doing right now, but it is moving along very 20 well.

This fall is IOC, and it is another year before it would be fully operational. So we have got some time here before it would be fully operational. But I would say to you that I think they will be ahead of that in terms of real output. They are already making a difference in terms of

1 our logistics planning with other logistics commands within 2 the headquarters and throughout the component. So I think 3 they will actually be leaning into that before they are actually fully established, so to speak. 4

5 Why did we set that up? Primarily because in a б European environment where we have got to be able to support 7 and move 360, not just to the eastern border, but north to 8 the high north, south, and west with a threat that is 9 actually 360 and then we needed to protect the central lines 10 of communication, critical ports, seaports, and 11 infrastructure in doing that because as has been testified 12 to here by General Lyons, we are now in a contested 13 environment. We needed a headquarters that both looked 14 logistically, as well as protection of those key assets. 15 And that is really why we stood up that command, and it is 16 well placed being in kind of the heartland of Europe, so to 17 speak, in Germany.

18 So it is a very important step for NATO to take, and I 19 think it demonstrates NATO's focus on making sure that it 20 will be relevant for the environment that we are in today. 21

Senator Duckworth: Thank you, General.

22 General Lyons, how would TRANSCOM plug into the JSEC, and has this been tested yet? I mean, how would you plug in 23 24 during conflict, for example, and have we tested it? General Lyons: Senator, first let me tell you thank 25

you for your understanding of logistics and the importance
 of logistics to warfighting. I greatly appreciate that.

I have actually been to Europe several times, and I met with the leadership that were developing the JSEC and I understand that concept very well. I think it is a great initiative that General Scaparrotti and his team are moving out on.

8 I do not know that we plug in directly. We plug in 9 directly to his EUCOM headquarters through a European 10 deployment and distribution operations center and then 11 across at echelon to include his headquarters, and we would 12 take the signals that he would be sending on his priorities for mobility and then meter them accordingly. Then he would 13 14 have the role then to integrate that from a coalition 15 perspective.

16 Senator Duckworth: Thank you.

With that, I would like to return, General Scaparrotti to an understanding of sealift. We had a discussion earlier today. And I understand that recently NATO reactivated its Atlantic Command to guard the sea lanes of approach into Europe in the event of war.

22 Can you describe for me in general terms the amount of 23 sealift that would be required to move significant U.S. 24 forces to Europe in the event of conflict? And are you 25 comfortable with the amount of sealift at your disposal

1 right now in the event of a conflict?

General Scaparrotti: Well, Senator, when we go to the closed session, I can probably get into more detail on that. But I would say it is significant. And because of the types of forces I move -- I think Steve would agree that we rely on sealift largely for a lot of that bulk and heavy movement.

8 You know, I am aware of the challenges to particularly 9 our reserve force for naval forces and our commercial 10 support. That is all important if we had a full conflict in 11 Europe. And so I would just underscore the importance of 12 funding that and making sure that we have the readiness in 13 the right place because we will rely on it heavily for any 14 crisis in Europe.

Senator Duckworth: Thank you. We will probably try to
follow up in the session later today. Thank you, gentlemen.
Chairman Inhofe: Thank you, Senator Duckworth.

Let me just, since you brought up the KC-46, remind all of us here that is replacing eventually the KC-135. The first KC-135 that was delivered to Altus Air Force Base was in 1959. So it has been operating for 60 years. It gives you an idea of the significance of the KC-46 to the distant future of that capability.

24 Senator Hawley?

25 Senator Hawley: Thank you, Mr. Chairman.

General Scaparrotti, General Lyons, thank you both for
 being here. Thank you for your exemplary service, and thank
 you to the men and women under your command.

General Scaparrotti, if I could just start with you, I 4 want to talk a little bit about the NDS Strategy Commission. 5 б The NDS Commission, various RAND studies, and others have 7 clearly indicated that we are not optimally postured to deal 8 with a Russian assault into the Baltics in particular. And 9 the NDS clearly states that the joint force has got to be 10 prepared to blunt this assault and to prevent a Russian fait 11 accompli.

My question is building on the positive work in the previous years, the European Defense Initiatives, and other activities, could you give us a progress report? I understand you may want to save some of this for the closed session, but can you give us a progress report on our force posturing developments to prevent that fait accompli? Where are we on this in your judgment?

19 General Scaparrotti: We have made clear progress as I 20 stated up front in this regard, and largely thankful to the 21 support of Congress, particularly EDI, in funding the 22 changes that we need to make. So we made progress, I would 23 tell you, in every domain that is important to that, 24 including cyber in that, for instance. But we are not 25 postured yet where we need to be, and as you cited, the

studies that have come out recently have underscored that.
 So in a closed session, I would like the opportunity to talk
 to you more specifically about where we are at and what we
 are short.

5 But, for instance, you know, we now have rotational brigades, an armored brigade, a CAB in the east, a battalion 6 7 task force as a part of NATO. We have rotational air 8 forces. We have rotational bomber forces. We have had 9 twice now -- well, three times actually -- a carrier strike 10 group once already in the high north for the first time in 11 20 years. At the beginning of my time here, 3 years ago, we 12 were moving one brigade at a time and challenged. A month ago, I moved four brigades, two armored, two CABs, 13 14 simultaneously in Europe. That is the progress. And thanks

15 to TRANSCOM and others that help us do the work, provide the 16 assets, increase the infrastructure to make that happen. So 17 clearly progress, but we are not there yet.

18 Senator Hawley: Again with the reservation I realize 19 you wanted to save the specifics for the closed session, I 20 think it is important to get some of this on the record as 21 we are about to, as you know, go into the authorization 22 season here and then the appropriations season where we will 23 be needing to be making the case for authorizing and then 24 spending what is necessary in order to get you what you 25 need.

1 So can you give us an overview at least about what more 2 you think we need, generally speaking, to get you to the 3 posture that the NDS recommends?

General Scaparrotti: Well, first of all, we will start with the cyber domain. There is a plan and an increase in my cyber capability, and I have been increased by CYBERCOM as a priority. So that has happened. But I still have personnel and skills in the numbers of around 50 personnel yet. It would be very helpful to have them in place. So that is one of those.

If you go to the land component, I need greater land component capability not only in armored elements but with my enablers, and I will go into more detail on that in the other.

I have mentioned maritime, greater capacity there, as well as specific capabilities to stay ahead of, frankly, the modernization that we see in Russia's maritime forces.

18 The Air Force is presently on a rotational basis 19 providing fifth gen aircraft to me, bomber aircraft, et 20 cetera, which we need to employ for a deterrent factor and 21 also to ensure our readiness and capability. I am looking 22 forward to those being stationed permanently in some numbers 23 within Europe as well.

24 Senator Hawley: Thank you.

25 Let me ask you about our European allies. Can you give

1 us a report -- you mentioned some of this in your written 2 testimony. Can you give us a report on the work with our 3 European allies especially Germany to ensure that they are 4 meeting their NATO commitments and have a plan to do so 5 going forward?

General Scaparrotti: Well, as you know, we have been б 7 working with all of our allies, and I mentioned up front the cash contribution. So since 2016, our allies have put 8 another \$41 billion into defense. By 2020, it will be \$100 9 10 billion based on the plans that they had to provide here in 11 December. Their contributions have stepped up. We asked 12 for greater force structure to assist in Afghanistan. Our allies responded. So I think when you look at that, they 13 14 are clearly responding, but we have a ways to go yet.

Germany in particular has responded as well. They plan to bring their defense investment up to 1.5 percent. That is not 2 percent yet. That is where it needs to be, but they are clearly refocused on their contribution, as well as their readiness. As you know, they have got some readiness issues. That has been in the paper. I believe that is true from what I have seen.

But they are providing the very high joint task force, for instance, for NATO, and they made sure that they produced a force that was ready and credible. And I have seen it. We operated with that force in Trident Juncture,

for instance. So they understand the issue and they are working hard to get their readiness up to where it is going to be. But they spent a good deal of time, in particular, as many of the other -- we did as well, but European nations where they rested and they did not invest in their defense, and now they are having to invest heavily to get back up on step.

8 Senator Hawley: Great. Thank you, General.

9 Thank you, Mr. Chairman.

10 Chairman Inhofe: Thank you, Senator Hawley.

11 Senator Warren?

12 Senator Warren: Thank you, Mr. Chairman.

So I want to discuss the national security threat that 13 14 cannot be addressed by traditional military power at all, 15 and that is climate change. The unclassified worldwide 16 threat assessment by the Director of National Intelligence 17 said -- and I am going to quote here -- global environmental 18 and ecological degradation, as well as climate change, are 19 likely to fuel competition for resources, economic distress, 20 and social discontent through 2019 and beyond. End quote. 21 That assessment also said, quote, damage to communication, energy, and transportation infrastructure 22 23 could affect low-lying military bases, inflict economic 24 costs, and cause human displacement and loss of life. 25 I have asked this question to other combatant

1 commanders, so I want to make sure that I get this on the 2 record. General Scaparrotti and General Lyons, do you agree 3 with the intelligence community's assessment of the climate 4 change threat?

5 General Scaparrotti: I do, and I believe that, as you 6 noted, much of this will be drivers for potential conflict 7 or at least very difficult situations that nations have to 8 deal with.

9 The second, I would point you to the high north and 10 that is the increasing opening of the northern sea route and 11 the challenges that presents from a security perspective.

12 Senator Warren: Yes. Thank you.

13 General Lyons, do you also agree?

General Lyons: Ma'am, I agree. These are sources of conflict, and we certainly have to be prepared to respond to them.

17 Senator Warren: Good.

Could I then ask each of you very briefly because we have very limited time just to describe how climate change impacts your operations in your commands and what you are doing to adapt to these changes? General Scaparrotti, would you like to start?

General Scaparrotti: Well, I think the most apparent to me is the one that I noted and that is in the Arctic. We already are seeing longer periods of time that the northern

1 sea route is open. And so as a part of that, there is an 2 increased interest in commercial and resource capabilities 3 there. China, for instance, is pressing to get into the 4 high north and have some presence there. And so that creates competition. Russia, because that northern sea 5 б route is the one that follows most closely to their borders, 7 has increased -- reopened 10 of their airports there. They 8 now have radar systems up. They have begun to move, on 9 periodic times, different weapon systems up there for 10 control of the area. So those are all things --

11 Senator Warren: That is serious.

12 General Scaparrotti: -- that I have to bring into my 13 planning.

Senator Warren: And what has been your response to that, just briefly?

16 General Scaparrotti: Briefly? We have updated our plans as a result of that. We have had to change the 17 18 posture of some of our forces. We have changed our 19 operational patterns so that we, in fact, deter and we send 20 a signal of the importance of the Arctic to us. Those are just some of the ways day to day that we have made changes 21 22 in our normal routine in order to demonstrate significance 23 and capability in the Arctic.

24 Senator Warren: Thank you.

25 General Lyons?

General Lyons: Ma'am, anything that degrades our ability to project and sustain power globally at our time and place of choosing is a concern. And we know that we have to operate in any conditions whatsoever.

5 Senator Warren: So what are you doing by way of 6 response?

General Lyons: Ma'am, in other words, in our planning and so forth, we consider all environments. But more specific to General Scap's point about the more scientific piece of it is, that is a little bit out of my area of expertise.

12 Senator Warren: Fair enough. I really was not looking 13 for so much of a scientific answer, but as General 14 Scaparrotti said, how you have to kind of readjust where you 15 are and what you are doing.

16 If I can, I just want to say adapting to climate change 17 impacts our military readiness, and I am glad you both take 18 this threat seriously. I appreciate that.

In my remaining time, I just want to ask very briefly, if I can, about the INF Treaty. We all know this is a landmark arms control treaty with Russia negotiated in 1987 by President Ronald Reagan. The treaty prohibits both of our countries from testing and deploying ground-launched ballistic and cruise missiles with a range of 500 to 5,500 kilometers. Yes, we know that Russia is in violation of the

treaty since 2014, but rather than use the mechanisms within
 the treaty or other tools available to us to try to get
 Russia back into compliance, the administration is
 abandoning the treaty entirely.

5 So I just want to ask what is our plan to prevent 6 Russia from building more INF Treaty-prohibited missiles in 7 the absence of the treaty? Do we have a plan here? General 8 Lyons?

9 General Lyons: Ma'am, I would have to defer on that.10 That is a little bit out of my area of expertise.

11 Senator Warren: Okay.

12 General Scaparrotti?

General Scaparrotti: Well, Senator, I think that we 13 14 are still in a 6-month period here where we are looking at 15 what our options are. We, in fact, have told our allies in 16 NATO that we will do the planning in collaboration with them. We have begun that. So I do not know that we have 17 18 plan today. I know that we are working on what we think 19 that plan might be. I personally think that it has to be 20 multi-dimensional. It has to be across all of our domains, 21 and it has to be whole-of-government in order to respond to 22 that.

I would finally say that from my point of view that when you have a peer competitor, particularly a modernizing one, that will be challenging us, such as Russia, that we

should look toward treaty capabilities in order to provide
 some stability, to provide signals and communications and
 limits that we understand that we can work from.

Senator Warren: Well, I am glad to hear that you are 4 5 trying to work with our allies. I think the Polish, for б example, have said that they are concerned about missiles on 7 their land. I just urge you to think about, instead of withdrawing from the INF Treaty, whether or not we should be 8 9 redoubling our efforts to bring Russia back into compliance 10 with the treaty. We know that Putin cannot be trusted, but we have a responsibility to prevent a dangerous and 11 12 expensive arms race in Europe and without the treaty I am worried that is what we are doing. 13

14 Chairman Inhofe: Thank you, Senator Warren.

15 Senator Warren: I apologize.

16 Chairman Inhofe: Senator Tillis?

17 Senator Tillis: Thank you, Mr. Chairman.

18 Thank you, both gentlemen, for being here.

19 General Lyons, I was down at Fort Bragg this past

20 Friday with Secretary Esper, and we were talking with folks21 there who are in unacceptable housing conditions.

We also talked a little bit -- and I have had a number of discussions in the past with families about some of their household belongings being moved, some of the bottlenecks, and unsatisfactory service.

1 So I like the idea of taking the personal property 2 program into what I would consider to be one throat to choke 3 sort of model. But maybe if you could briefly describe 4 where you think this is going to end up. I really want to 5 make sure that we get this right in terms of accountability, б predictability, and customer satisfaction so that any 7 relationship we create with this confederation of movers --8 I get that you are going to have a consolidator, but you are 9 still going to have a number of individual providers. We 10 have got to get the compensation and accountability models right so that we do not end up here honestly trying to do a 11 12 good thing and ending up where we are with the housing 13 situation.

14 Can you give me some assurances or briefly describe how 15 that is going to work?

16 General Lyons: Senator, I can. This is definitely not 17 a privatization effort by any stretch of the imagination. 18 As a matter of fact, what I have offered to the service 19 secretaries and service chiefs is instead of this completely 20 de-aggregated, diffuse value chain of very little centralized responsibility even inside the government, I 21 22 would look at them and I would say hold me accountable. 23 Allow me to develop an acquisition tool to hold industry 24 accountable. We have a track record of being able to do 25 that, as a matter, in other parts of the defense personal

property program like personal-owned vehicles. We do this
 today.

3 I do know, Senator, that there is some concern in 4 industry. We get a lot of feedback from industry. Some are 5 very, very supportive where we are headed. They see б opportunities to enter the market. We want to grow the 7 market. Others are concerned about potential change. What 8 I tell them and what I have seen in our past acquisitions that have been similar is that below the level, we still 9 need the same or greater number of movers out there who just 10 need a level of quality and accountability in the system. 11 12 Senator Tillis: And some peaking capability.

I would be very interested in maybe having the right 13 14 people in your organization meet with my staff to describe 15 what that really looks like operationally. In a simplistic 16 way, it would almost be this baseline guarantee of capacity 17 with some peaking capability that is almost uber-like in 18 terms of having the household know that they are going to 19 get their things moved at the appropriate time hopefully to 20 a house that is in much better condition than some of the 21 ones that I saw down at Fort Bragg on Friday, a separate 22 issue and not your problem.

General Scaparrotti, I appreciate the time you spent in the office yesterday. I appreciate your years, decades of service, and I associate myself with Senator Cotton's
comments that if you take your uniform off, we hope that
 does not mean that we will not see you back here serving in
 some other capacity.

4 I am going to save a lot of my questions for the 5 classified briefly, but I do want to highlight my concern б with the Turkey situation, particularly with the S-400's. Ι 7 know -- and you gave a great briefing on where we are 8 working together on a legitimate homeland security threat 9 that they are dealing with with the PKK. So on the one 10 hand, we are trying to partner and continue to build on that 11 relationship.

12 Turkey is a vitally important NATO partner in the most complicated part of the world. So I understand some of 13 14 their behaviors, but I do not understand under any 15 circumstances why on earth they would be considering 16 purchasing a missile defense system that would not be 17 interoperable, that would require the deployment of 18 capabilities on the ground in Turkey that would threaten the 19 presence of our Joint Strike Fighter, why on earth they 20 would be considering a decision that would make us have to rethink whether or not they can actually even be in the 21 22 supply chain for the Joint Strike Fighter, let alone deploying assets that are scheduled to be there in 2020, but 23 24 even raising doubts about whether or not we can legitimately 25 manufacture and distribute parts in the supply chain for the

1 production of Joint Strike Fighters.

2 And the message that I want to send to the Turkish 3 leadership is this is an area -- Congress got educated quite 4 a bit on the Joint Strike Fighter and on Turkey last year 5 when we were dealing with a matter involving a pastor from my State. I think we are very well briefed on it now and б 7 some of the risks there. So I would just encourage the 8 Turkish Government and the leadership to recognize that they 9 should not have this one decision put all the other great 10 things that we are doing, that we will do in the future in 11 the balance and have Congress potentially in a position 12 where we would have to act.

General Scaparrotti: Senator, thank you. As you know, we, the United States, have a team there today talking to the Turks, and I am sure a very candid conversation about the S-400 and the potential consequences are a part of that conversation.

18 Chairman Inhofe: Thank you, Senator Tillis.

19 Senator Blumenthal?

20 Senator Blumenthal: Thank you, Mr. Chairman.

General Lyons, let me first ask you a question about privatization. As you are familiar, as you know, Army veteran and military spouse Megan Harless recently wrote an op-ed that criticized TRANSCOM's plan to privatize the military move program. She stated that the military move

advisory panel convened by TRANSCOM has not been consulted
 regarding privatization, and TRANSCOM also has not solicited
 feedback from military families or from the moving industry.

4 Do military families support privatization? Does5 industry support it?

General Lyons: Senator, there is no initiative
whatsoever to privatize the household goods industry. This
is a 100 percent -- every task inside that value chain is
conducted by commercial industry today.

10 What we are proposing, however, is a restructure of how 11 the government approaches this with industry. To be honest 12 with you, Senator, I have received more letters on this particular issue in the 6 months that I have been Commander 13 14 than any other issue that TRANSCOM deals with. And in fact, 15 I agree with the criticisms of the program. I think we need 16 to take action to remedy the program as it exists today. We 17 have been studying this since 1996.

Senator Blumenthal: Will you commit to prioritizing the needs of those military families in any kinds of reforms that you may consider?

General Lyons: Sir, there is no question about it. This is all about improving curbside service for military families. That is our north star. That is the only reason that we are doing this, sir.

25 Senator Blumenthal: And will you commit to consulting

1 with the TRANSCOM advisory panel?

2 General Lyons: Yes, sir. We consult regularly with 3 industry. Some very much support where we are headed, and 4 some are very, very concerned.

I do know, Senator, that the moving associations, for example, are drafting language to insert in the NDAA that would delay any kind of progress in this area, perhaps to study it for 2 more years. I can just say I really think that would be a gut punch for our military families.

Senator Blumenthal: General Scaparrotti, talking about the Ukraine, is there evidence of the Russians meddling in the Ukrainian elections that are planned?

General Scaparrotti: Well, in terms of their 13 14 influence, they certainly are supporting the parties where 15 they believe they can have the most influence and those 16 individuals. There is certainly disinformation as a part of that. They are playing in that way. I think, for instance, 17 18 Russia's seizure of their ships and their 24 sailors and the 19 fact that they have not been released is likely also another 20 way that they have some leverage and influence on the outcome of that election. 21

22 Senator Blumenthal: Has there been an increase in 23 disinformation or other Russian interference?

24 General Scaparrotti: Well, just generally it has been 25 targeted at undermining the present government and the

1 president.

2 Senator Blumenthal: What is your command or other3 American resources doing to counter it?

General Scaparrotti: Well, both not only my command --4 5 I deal with the military aspects of this, but there are б others diplomatically, for instance, in State that we are 7 working with in this regard. But we do have personnel there 8 that support in military means their defense of 9 disinformation, appropriate information, and cyber defense 10 In the closed hearing, I can be more specific as well. 11 about precisely what we are doing.

12 Senator Blumenthal: Just to reassure the American 13 people -- and that is the purpose of an open hearing really 14 to inform the American people -- can you provide some 15 description of what is being done in the cyber domain by 16 your command to bolster the Ukrainian defenses?

General Scaparrotti: Well, I guess I would underscore, 17 18 first of all, what we do with the others is just to make sure that this is a free and fair election. And within the 19 20 cyber domain, mine is to help them with their defense of their systems. So it is not selected by any means at all. 21 22 It is primarily defense and help them to understand how they 23 ensure that they do, in fact, have a free and fair election. 24 Senator Blumenthal: Thank you. 25 Thank you, Mr. Chairman.

1 Chairman Inhofe: Thank you, Senator Blumenthal.

2 Senator Blackburn?

3 Senator Blackburn: Thank you, Mr. Chairman.

And I will tell you it has been such a pleasure for me to go through this series of hearings with our different commands in your area of responsibility and hear repeatedly from you all some of the needs and stepping up our game, if you will, dealing with Russia and China and especially with cyber.

10 General Scaparrotti, I am from Tennessee, and I have 11 got some National Guardsmen that are under your command at 12 this point, folks in the Ukraine and Poland. And we 13 appreciate their service, and we appreciate you and the 14 leadership that you have shown throughout your career to our 15 men and women in uniform and to those that are currently 16 under your command.

17 Let me stay with looking at our enemies, Russia, China, 18 the cyber component, and we will come back to that this 19 afternoon in the briefing. But what I would like to know, 20 General, as you look at Europe and as we talk about the rollout of 5G and you are looking at that European 21 22 Deterrence Initiative, do you have what you need? Where do we need to be planning forward on that, and how are you 23 24 approaching the integration and the utilization for really 25 what some of our troops at Fort Campbell -- when I talk to

some of our special ops guys, 5th Division, 160th, this is very important to them, 5G and the utilization of that, knowing that that is going to help fuel artificial intelligence, et cetera, knowing they are going to use that with some of the ISR capabilities. So if you will just touch on that briefly, and then we will explore it a little more this afternoon.

8 General Scaparrotti: Well, first of all, I will just 9 start with the 5G part of this. This is a considerably 10 different capability than what we have today. It is not 11 just a modernization or an upgrade.

Senator Blackburn: It is a whole new world. It islike going from analog to digital.

General Scaparrotti: That is right. It is a different world. And what we have to know is that we have a secure 5G capability. That is one of the reasons that when you now go to our allies, that we have said they need to be very careful about Chinese investment --

19 Senator Blackburn: Yes. No Huawei and no ZTE.

General Scaparrotti: -- in their telecommunications capabilities because we also want to know that we are secure with our allies that we can act with. And there may be an outcome where we cannot connect with our allies unless they change the composition of their systems. So we are trying to get ahead of that.

Senator Blackburn: So is this an open discussion that
 you are having?

General Scaparrotti: Yes, it is an open discussion.
I would say to you that just to give you an idea of how
this has come along, 2 years this would not have been a
topic. A year ago, it was starting to come in, and now -Senator Blackburn: It is front and center.

8 General Scaparrotti: Now it is front and center, and 9 we are beginning to have the right conversations as a 10 security issue.

11 Senator Blackburn: Good. That is great.

12 General Lyons, TRANSCOM has had some problems with some breaches, and I think it was a couple of years ago, Chinese 13 14 hackers got into the network like 20 times. What you do and 15 with logistics -- and we have talked about different points. 16 I think Chairman Wicker brought up Rota, Spain. And as you 17 look at the integration and all that comes under you, give 18 me an update on the security of your systems and then how 19 are you dealing with contractors that are a part of your 20 system.

General Scaparrotti: Yes, ma'am. As you indicated, this is an area of concern and it is a high priority for the command. I tell folks this is a warfighting domain. So there is no one thing that is going to solve this. We have got multiple things going on, everything from just operator

discipline, through cyber hygiene, through defense, through
 infrastructure, and a high level of collaboration with Cyber
 Command to create conditions to allow us to operate.

As for our industry partners, we are also upping our game there through our contractual language and their compliance with NIST standards, basically their assessments and collaboration and information sharing. But that is a much more complex area outside of the DODIN where a level of protection is lower, and that does become a vulnerability in the enterprise.

Senator Blackburn: We will talk a little more about that in this afternoon's hearing.

13 Mr. Chairman, I yield back.

14 Chairman Inhofe: Thank you, Senator Blackburn.

15 Senator Kaine?

16 Senator Kaine: Thank you, Mr. Chair.

And thanks to the witnesses for your service and yourtestimony.

A House bill to overturn President Trump's emergency declaration is pending before this committee and will likely be voted on on the floor of the Senate within the next 10 days or so.

There are at least two issues that Senators are grappling with about the bill: one, the question of whether there is an emergency. General O'Shaughnessy of NORTHCOM

1 testified before us last week and said in a very

2 straightforward way there is no military emergency at the 3 border.

But a second issue we are grappling with is where will the money come from. The President has proposed to use \$6 billion from the Pentagon to direct toward this non-military emergency: \$3.5 million of MILCON funding and \$2.5 billion of drug interdiction monies within the DOD budget.

9 I want to ask you about these proposals because we are trying to get information about exactly how the moving of 10 11 the \$6 billion is doing to affect military operations. 12 Have either of you in your commands been asked to provide lists of MILCON projects that should be either 13 14 delayed or reduced or eliminated with respect to this 15 particular \$3.5 billion proposal? General Scaparrotti? 16 General Scaparrotti: Not with respect to this 17 proposal, no, sir.

18 Senator Kaine: General Lyons?

19 General Lyons: No, sir. But it probably would not be 20 appropriate. TRANSCOM relies on the services for their 21 MILCON.

Senator Kaine: Right, so that you do not have the bigMILCON back list that the others do. I understand.

24 General Lyons: That is correct.

25 Senator Kaine: And, General Scaparrotti, you say not

with respect to this proposal. So I gather what you mean by that is you are often putting together MILCON lists. That would be one of the things you would do in EUCOM is looking at MILCON needs within that command. And so you have been doing that, but you have not been asked with respect to this proposal what MILCON projects could be reduced, delayed, or eliminated.

8 General Scaparrotti: With respect to the budget as a 9 whole, well prior to this question, we went through the 10 normal process of our discussion within DOD as to what the 11 priorities were across the Department with respect to my 12 MILCON.

13 Senator Kaine: Right.

14 General Scaparrotti: And so we had to prioritize. We 15 did delay some, but that was well before this conversation. 16 Senator Kaine: Do you know if and when a decision is 17 made about where the \$3.5 billion of MILCON projects, which 18 will be affected -- do you know whether you will be in that 19 decision loop or whether it will be made by others? 20 General Scaparrotti: I expect I will be in the decision loop within the Department. We have a close 21 22 relationship with them. We generally would have. No one 23 has discussed it with me, and I am confident they would when 24 and if that should --

25 Senator Kaine: And the "they" would probably be the

1 service secretaries and the SecDef?

General Scaparrotti: It would be the service secretary or the SecDef, probably the SecDef as well. I mean, I actually talked to the SecDef personally about the potential delay, et cetera that I just told you about as we were going through the budget.

7 Senator Kaine: Let me ask the second half of the 8 question. The other funding that is suggested could be used 9 is the \$2.5 billion drug interdiction account at the 10 Pentagon. Reporting suggests that there is not \$2.5 billion 11 in that account. There is about \$750 million, of which only 12 \$85 million is available for use right now. And there is a 13 suggestion that what the Pentagon would do would be to take 14 monies out of other accounts to fill up the drug 15 interdiction account to \$2.5 billion prior to using it for 16 the emergency proposal that the President has suggested. 17 Have either of you been involved in any discussions 18 about funds within your bailiwick that might be used to pull

19 into the drug interdiction account?

20 General Scaparrotti: No, Senator, I have not.

21 Senator Kaine: General Lyons?

22 General Lyons: No, sir.

23 Senator Kaine: General Scaparrotti, let me ask you 24 about this. The 70th anniversary of NATO is in April, a 25 really important one. NATO has a headquarters both in

1 Brussels and also in Virginia in the Hampton Roads area. I 2 have a proposal, a bill that is a bipartisan bill, that 3 would stipulate that NATO, a treaty that the Senate ratified -- the U.S. should not unilaterally withdraw from that 4 without either a Senate vote or an act of Congress. 5 The б bill is a bipartisan one, and it is meant to send a strong 7 signal of congressional support for the NATO alliance at the 8 70th anniversary.

9 Would that message be positively received by our NATO 10 allies?

General Scaparrotti: Senator, I believe it would. And the votes by Congress that you have taken in the past to reinforce our commitment to our allies have been helpful as well.

15 Senator Kaine: Great. Thank you.

16 No further questions. Thanks, Mr. Chair.

17 Chairman Inhofe: Senator Ernst?

Senator Ernst: Thank you, gentlemen, very much forbeing here today and willing to answer questions.

Like so many of my colleagues, I do want to make sure that you have the tools and resources necessary to enable you in your missions and make you successful.

As Senator Sullivan mentioned just a little bit earlier, I did recently return from a trip to Ukraine, and during that trip, I was able to see firsthand the Russian

aggression that is being exhibited in that region against what is a very important strategic partner to us. So not only do we want to push back against Russia because of Ukraine and Europe but, of course, for many of our other allies around the world as well.

6 And, General Scaparrotti, I would like to start with 7 you, sir.

8 Of course, while I was in Ukraine, the Ukrainians 9 expressed a very strong desire for military assistance, 10 defensive assistance and lethal assistance. And Senator 11 Sullivan mentioned that we have provided Javelins to the 12 Ukrainian army.

13 So I met with members of the defense establishment 14 there, as well as members of the Ukrainian parliament, and 15 those that I had the opportunity to meet with in Kiev and 16 also the joint forces headquarters near the eastern front --17 they really appreciated that assistance.

What more can we do for the Ukrainians in that regard for lethal assistance? Is it just simply more Javelins, or is there additional assistance we can provide?

General Scaparrotti: Well, I think personally -- and you will see soon here a list. I think it has already been provided to Congress. But as you know, we provide that prior to it being authorized, the actual purchase from the funding that you have given.

1 But from my point of view, the things that we need to 2 continue is to continue their support for counter-battery, 3 Q-36/37, that they have the assets and the systems that they need to do that well. They have asked us for help in 4 5 communication at an operational level, and they do have a distinct need for that because while we focus on the line of б 7 contact, their chief of defense is also focused on other 8 areas of the country that are a threat, that Russia could 9 present a threat as well. So he is trying to determine --10 he is trying to establish a good communications system for 11 his entire force, as well as just the front.

12 They have asked us specifically for some assistance to 13 help with sniper proficiency, the right kind of ammo and 14 weapons, grenade launchers.

15 And then finally the area that I would say is that we 16 need to study how we help their maritime component, their 17 navy, which as you know, is not large to begin with, given 18 the portion of the fleet that Russia took when it annexed 19 Crimea, and they just lost a couple of ships as well in the 20 Kerch Strait. So I think there are some areas there that we can help them get this navy back up and begin to supply it 21 22 with what they believe they need to defend themselves and deter Russia's aggressive actions. 23

24 Senator Ernst: I appreciate that very much, sir. And 25 thank you for bringing up the Kerch Strait incident because

they are still holding those 24 sailors, as you referenced earlier, and using those sailors as leverage with the elections coming up. So I do appreciate that you think we need to do more on the maritime front, not only in assisting them with their navy, but is it possible that we as an American force need to have more of our naval forces in the Black Sea region?

General Scaparrotti: Both the United States and NATO 8 9 has stepped up its presence in the Black Sea. As you know, 10 the Donald Cook just departed yesterday or the day before, 11 and it is the second time that we have had a destroyer in 12 the Black Sea here in the past 2 months. So we believe there is a need for that. We have stepped up and our allies 13 14 have as well. NATO has a fleet right now in the Black Sea. 15 Senator Ernst: Do you think it is sending a clear 16 message to President Vladimir Putin?

17 General Scaparrotti: I think it is. I mean, they 18 frankly do not like us in the Black Sea. And it is 19 international waters and we should sail and fly there. 20 Senator Ernst: And that is a great thing, and I love

21 it. So thank you, sir.

The presidential elections are coming up. And I will just close with this. I think it was very important that I take this trip to Ukraine and spend time with the folks within their defense sector and also spent time with some of

their brand new special operations forces that had just graduated from their Ukrainian Q Course, which is run by our American special operations forces. I appreciate what we are doing in that region, sir. I appreciate your leadership in that region.

Gentlemen, thank you very much for being here today.
Chairman Inhofe: Thank you, Senator Ernst.

8 Senator Jones?

9 Senator Jones: Thank you, Mr. Chairman.

10 Thank you both for being here today and for your 11 service. General Scaparrotti, I appreciated you coming by 12 the office the other day. I enjoyed that very much.

I also appreciated your candid answers concerning climate change. I think we sometimes get caught up in the political discussions about climate and not really focus on the real world consequences that are affecting us today.

Earlier today, you spoke with Senator Cotton about China's investments in your AOR. And if you can, I would like to have you discuss what, if any, actions EUCOM may be taking to counter China's activities in Europe today.

General Scaparrotti: Well, most of all, in terms of EUCOM, it is discussions with our counterparts and leaders about the concerns of China's what I would say is strategic investments. Most of this is diplomatic at this point, but we do try to ensure that we can point out to them not only

economic benefits which China demonstrates and make sure they are aware of, but also the security aspects of their control of seaports, airports, critical key terrain, investment in infrastructure particularly with technology that is critical to security. So we try to emphasize the security aspects of their investments.

7 Senator Jones: Has the administration's tactics with 8 regard to the tariffs and European tariffs -- have you seen 9 any effect on that with any of our allies -- the economic 10 impact?

11 General Scaparrotti: Well, it is certainly a point of 12 discussion among the allies and one of concern because our 13 country and Europe has a very significant trade and economic 14 linkage there. But in terms of the direct impact for me, 15 the mil-to-mil relationships are strong. That essentially 16 is dealt with on the diplomatic side.

17 Senator Jones: Thank you, sir.

General Lyons, I want to kind of go back to a conversation you had with Senator King on cybersecurity. If you can in this hearing as opposed to the closed hearing, could you please maybe describe the impact on operations of a nation state cyber attack on TRANSCOM's networks and how this could impact your discussions and your ability and interaction with COCOMs?

25 General Lyons: Senator, anything that would degrade

1 our ability to project power is a concern. Cyber as a warfighting domain does create an area of vulnerability 2 3 across what is largely an unclassified surface of 4 employment. And so we are working very, very hard to 5 prioritize and to ensure that we have the appropriate level б of resiliency and to move to an infrastructure that is more 7 secure. And we are moving very, very rapidly in that area. 8 Senator Jones: Right.

9 Just staying with you, General Lyons, you mentioned 10 earlier that there was a plan to improve the household goods 11 shipment process using a single contractor to manage 12 transportation service providers. How will that change 13 improve the process? What will it cost, and will it 14 increase accountability?

15 General Lyons: Senator, it will definitely increase 16 accountability, and I believe it will also increase 17 capacity. And those are the two major issues. Those are 18 the two major complaints. The way that enhances capacity is 19 it is a longer-term investment with our industry partners, 20 and so they are willing to invest in capacity over time, as 21 well as reducing barriers to entry into the market that we, 22 unfortunately, create for ourselves.

There is no question that it will improve accountability. Today, there are 950 various transportation service providers that compete for work on a transactional

basis. Very, very difficult across the services and
 TRANSCOM to maintain accountability and all that. But the
 business folks know the business, and that is the right
 relationship to have with a single move manager.

Senator Jones: Great. Thank you both for being here.
Mr. Chairman, I will yield back the remainder of my
time. Thank you.

8 Chairman Inhofe: Thank you, Senator Jones.

9 Well, it looks like we have run out of members here so 10 we will close it.

11 Several people during the course of this hearing, 12 General Scaparrotti, have speculated this may be your last 13 time that you attend this hearing. It is also your birthday 14 today. Is this a birthday present to you?

15 General Scaparrotti: Yes, sir. It is Congress'16 birthday present, I assume. I have enjoyed it.

17 Chairman Inhofe: Well, we thank you so much for all of 18 the service. Both of you, but particularly you because you 19 have appeared so many times, and as has been pointed out by 20 Senator Reed, you have held the fourth star longer than 21 anybody else in existence here. And so you have served your 22 country in a way that many others have not. Thank you so 23 much for that service.

24 Anything else?

25 Senator Reed: No, Mr. Chairman. Just let me join in

1	thanking both General Scaparrotti and General Lyons,
2	particularly General Scaparrotti. Thank you.
3	Chairman Inhofe: We are adjourned.
4	[Whereupon, at 11:26 a.m., the hearing was adjourned.]
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