Stenographic Transcript Before the

COMMITTEE ON ARMED SERVICES

## **UNITED STATES SENATE**

## HEARING TO CONSIDER THE NOMINATION OF ADMIRAL JOHN M. RICHARDSON, USN, TO BE CHIEF OF NAVAL OPERATIONS

Thursday, July 30, 2015

Washington, D.C.

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2	RICHARDSON, USN, TO BE CHIEF OF NAVAL OPERATIONS
3	
4	Thursday, July 30, 2015
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6	U.S. Senate
7	Committee on Armed Services
8	Washington, D.C.
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10	The committee met, pursuant to notice, at 9:35 a.m. in
11	Room SD-G50, Dirksen Senate Office Building, Hon. John
12	McCain, chairman of the committee, presiding.
13	Committee Members Present: Senators McCain
14	[presiding], Inhofe, Sessions, Ayotte, Fischer, Cotton,
15	Ernst, Tillis, Sullivan, Reed, Manchin, Gillibrand,
16	Blumenthal, Donnelly, Hirono, Kaine, and King.
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OPENING STATEMENT OF HON. JOHN McCAIN, U.S. SENATOR
 FROM ARIZONA

3 The Chairman: Good morning. The Senate Armed Services
4 Committee meets today to consider the nomination of Admiral
5 John Richardson to be the 31st Chief of Naval Operations.
6 Admiral Richardson, we thank you for joining us this
7 morning. We're grateful for your many years of
8 distinguished service to our Nation and for your continued
9 willingness to serve.

We also welcome members of your family who are joining us this morning, and thank them for supporting you and the Nation. As is our tradition, at the beginning of your testimony we will invite you to introduce any family members that are joining us.

The next Chief of Naval Operations will lead our Navy in confronting the most diverse and complex array of global crises since the end of World War II. With instability spreading across the Middle East and North Africa, more than ever our Nation is counting on the forward presence, power projection, and rapid response that the Navy uniquely delivers.

In the Asia-Pacific, China is undertaking an ambitious naval buildup that seeks to project power and influence in key waterways of the Asia-Pacific and beyond. While our rebalance to the Asia-Pacific has shown some success, this

1 policy has not yet addressed the shifting military balance in any serious manner. While some would rather avoid a 2 3 discussion of our competition with China, this relationship will be a serious challenge for our Navy. And yet, while 4 5 worldwide challenges like these grow, the Defense Department 6 has grown larger but less capable, more complex but less innovative, more proficient at defeating low-tech 7 8 adversaries but more vulnerable to high-tech ones. And 9 worse, the self-inflicted wounds of the Budget Control Act 10 and sequestration-level defense spending have made all of 11 these problems worse.

12 Now more than ever, a strong Navy is central to our 13 Nation's ability to deter adversaries, assure allies, and 14 defend our national interests. And yet, by any measure, 15 today's fleet of 273 ships is too small to address these 16 critical security challenges. The Navy's requirement is 308 17 ships. The bipartisan National Defense Panel calls for a fleet of 323 to 346 ships. And our combatant commanders say 18 19 they require 450 ships. With continuing high operational 20 tempo and drastic reductions to defense spending, we will 21 conduct the downward -- we will continue the downward spiral 22 of military capacity and readiness until Congress acts. 23 Admiral Richardson, there are several challenges that

24 will require the next Chief of Naval Operations' personal 25 leadership. I look forward to discussing many of these

1 today.

First, each Ford-class aircraft carrier has experienced 2 3 more than \$2 billion in cost growth. This program continues to be plaqued by technology immaturity, concurrent 4 5 development and production, and a lack of reliability test 6 data for critical systems. This is unacceptable. I repeat, unacceptable. And I fully expect the Navy's ongoing study 7 of alternative aircraft carrier designs to provide real 8 9 options.

Next, the Navy still needs to justify the littoral combat ship's transition to a frigate, which is required in the Senate NDAA, and all three of the LCS mission packages must overcome major technology integration challenges to deliver the promised warfighting capability.

15 Several other important new shipbuilding efforts will 16 require the service chief's leadership in the coming years, 17 including building the first Ohio-class replacement submarine, building the first Flight-3 destroyer with the 18 19 new air and missile defense radar, and integrating the 20 Virginia payload module on attack air -- submarines. In 21 naval aviation, it will take strong leadership to address 22 the strike fighter shortfall, oversee the smooth and timely 23 integration of the F-35 joint strike fighter into the fleet, 24 and ensure the right requirements for the first unmanned 25 carrier-launched airborne surveillance and strike system.

1 We must also maintain our advantage in the capability and capacity of our munitions. Fielding new weapons, like the 2 3 long-range anti-ship missile, and improving existing ones, like the family of standard missiles, will continue to be 4 5 essential. Our ships and planes have been operating at a 6 sustained high operational tempo for over a decade. And it shows. Clearing maintenance backlogs and restoring the 7 8 Navy's readiness will be a priority.

9 Finally, we cannot forget about our members of the 10 United States Navy. High operational tempo and lucrative 11 opportunities outside the Navy continue to drive some our best talent to leave the service. I'm interested in your 12 plans to manage operational tempo and views on how best to 13 14 provide a competitive and modern compensation package that 15 provides the right retention incentives. No matter how many 16 dollars we spend, we won't be able to provide our military 17 the equipment they need with a broken defense acquisition system that takes too long and costs too much. With this 18 19 year's National Defense Authorization Act, this committee 20 has embarked on a major effort to reform this system, 21 including ways to empower our service leaders to manage 22 their own programs and take on greater accountability.

Admiral Richardson, we are interested to hear your views on improving defense acquisition based on your many years of service. Thank you. We look forward to your

1	testimony.
2	Senator Reed.
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STATEMENT OF HON. JACK REED, U.S. SENATOR FROM RHODE
 ISLAND

Senator Reed: Well, thank you very much, Mr. Chairman.
Let me join you in welcome Admiral Richardson and his
family -- his father, his wife, his daughter. Thank you all
very much. We all understand that no one serves alone in
the Navy or elsewhere, so thank you very much.

8 You have an extraordinary record of service to the Nation in the Navy, and we thank you for that. You have a 9 10 remarkable record as the Director of Navy Nuclear Propulsion 11 Program, your current assignment. And, in that assignment, 12 you are familiar with many of the issues Senator McCain acquisition. How do you design a program that's 13 raised: 14 not only effective but is affordable? And those are one of 15 the major issues you're going to confront as the CNO.

You'll be asked to ensure that we have a quality force -- that's recruiting, training -- and, in this respect, ensuring the highest ethics are employed in the service, particularly when it comes to the issues of domestic violence, which we've seen all too often in the military services. That's another role we expect you to play.

We have a world that is full of crises, and the Navy is one of the major ways that we project force and we deal with uncertainty and changing conditions. And it remains that way. But, as the Chairman has pointed out, one of the

1 issues you'll face is affordability. How do we afford all 2 the ships that we need? How do we bring on the next class 3 of ballistic missile submarine, the Ohio replacement class? 4 And then, these challenges are exacerbated by the prospect 5 of looming sequestration or temporary arrangements to get by 6 year to year rather than a long-range plan to fund the Navy 7 and the other services.

8 So, all of these challenges will be before you. I'm 9 confident that you will be able to face them, and look 10 forward to your testimony this morning.

11 Thank you very much, Mr. Chairman.

12 The Chairman: Admiral, before we continue, let me ask 13 you the standard questions that we ask all of military 14 nominees.

In order to exercise its legislative and oversight responsibilities, it is important that this committee and other appropriate committees of the Congress be able to receive testimony, briefings, and other communications of information. Have you adhered to applicable laws and regulations governing conflicts of interest?

21 Admiral Richardson: Yes, sir.

The Chairman: Do you agree, when asked, to give your personal views, even if those views differ from the

24 administration in power?

25 Admiral Richardson: I do.

1 The Chairman: Have you assumed any duties or undertaken 2 any actions which would appear to presume the outcome of the 3 confirmation process?

4 Admiral Richardson: No, sir.

5 The Chairman: Will you ensure your staff complies with
6 deadlines established for requested communications,

7 including questions for the record in hearings?

8 Admiral Richardson: I will.

9 The Chairman: Will you cooperate in providing witnesses 10 and briefers in response to congressional requests?

11 Admiral Richardson: Yes, sir.

12 The Chairman: Will those witnesses be protected from 13 reprisals for their testimony or briefings?

14 Admiral Richardson: They will.

15 The Chairman: Do you agree, if confirmed, to appear and 16 testify, upon request, before this committee?

17 Admiral Richardson: Yes, sir.

18 The Chairman: Do you agree to provide documents,

19 including copies of electronic forms of communications, in a

20 timely manner when requested by a duly-constituted

21 committee, or to consult with the committee regarding the

22 basis for any good-faith delay or denial in providing such

23 documents?

24 Admiral Richardson: Yes, sir.

25 The Chairman: Welcome. And please proceed.

STATEMENT OF ADMIRAL JOHN M. RICHARDSON, USN, NOMINEE
 TO BE CHIEF OF NAVAL OPERATIONS

Admiral Richardson: Thank you. Chairman McCain, Senator Reed, and distinguished members of the committee, I am honored and humbled to appear before you as the nominee to be our next Chief of Naval Operations. I am grateful for the confidence of President Obama, Secretary Carter, and Secretary Mabus.

9 I'd like to begin by thanking Admiral John Greenert and 10 his wife, Darlene, for their magnificent service to our 11 country for over 40 years, and especially for their role in 12 leading our Navy these past 4 years. They have been 13 tireless and superb advocates for our sailors, their 14 families, our Navy, and our Nation.

15 I'm grateful to have my family here with me today, 16 Chairman, as you recognized, as they have been throughout my 17 entire career.

My dad is here with me today. My dad's a retired Navy 18 19 captain who served with distinction for 25 years through the 20 Cold War. And I remember, like it was yesterday, the nights 21 that my mom and we six kids would get together in our living 22 room, and my dad would come out in his service dress blues 23 and his seabag. We would say goodbye for 6 months, and then 24 we would carry on, supporting each other until my dad came 25 back home. I got my start in the Navy from my dad, and he

1 continues to advise me, sometimes vigorously, and make me 2 proud.

3 My wife, Dana, is here.

4 The Chairman: I had the same experience.

5 Admiral Richardson: Yes, sir.

6 [Laughter.]

Admiral Richardson: My wife, Dana, is also here. Dana 7 8 and I met as classmates in York High School in southern Maine, and we married just as soon as we could after I 9 graduated from the Naval Academy. And over the last 33 10 11 years, Dana has raised our five children while I was away at 12 sea, and has supported Navy families in every way possible. She's always been there with me, challenging me and adding 13 14 perspective that I long ago grew to depend on.

Our daughter, Rachel, one of our five children, is here representing the Richardson tribe. She's a student at the University of Virginia and is a summer intern in the Amputee Center at Walter Reed.

Our oldest son, Nathan, is a Navy lieutenant. He and his wife are serving overseas in Naples, Italy. Our other son, Daniel, is doing research for renewable fuels in Hawaii. Our two youngest children, Matthew and Veronica, are visiting family in Oregon before they return home to go back to school.

25 If you ask Dana, she would say, "We're just a typical

Navy family." We have moved 20 times, our kids have
 attended dozens of schools, we've lived all around the
 country and overseas. Today, the Richardson family, like so
 many other Navy families, is ready to continue to serve our
 Nation.

I am also conscious that I am here before this
committee for the very first time, and I want to thank you
for your leadership in keeping our Nation secure and keeping
our Navy the strongest that has ever sailed the seas. And,
if confirmed, I very much look forward to working closely
with you to continue that important work.

12 I see the naval profession as a bond of trust and confidence with the American people and with our sailors. 13 14 And I hold some core beliefs about our Navy that guide me. 15 The Navy must be at sea, underway. It must be present 16 around the world, protecting American interests, enabling access to international markets and trade, responding to 17 crises, and providing security. We are at our best when we 18 operate with others, including our fellow services, 19 20 especially the Marine Corps, as well as with our partners 21 and allies.

The muscle and bones of the Navy are our ships, submarines, and aircraft, highly capable, exercised frequently, well equipped, and ready to operate from the sea and far from home. But, the heart and soul of our Navy are

1 our sailors. Every day around the world, our sailors can be 2 found on, under, and over the sea. They are smart, 3 resourceful, committed Americans who want to be part of something special, to serve their country by being part of a 4 5 high-performing team. They are rightly proud of what they 6 do. And they are a formidable force. Despite a growing set of challenges and some significant strains, they continue to 7 8 go to sea to do what must be done today, and to adapt and 9 innovate in order to prevail tomorrow. It is a privilege to work with, and especially to lead, such a capable and 10 11 resilient team.

America sends us their sons and daughters, their America sends us their sons and daughters, their brothers and sisters, their fathers and mothers to go to sea with us, potentially into harm's way. In return for that sacrifice, our Navy must provide them a positive and respectful environment where they can thrive and achieve their highest potential.

And finally, the American people demand, as they should, that we execute our mission in a prudent and responsible way, worthy of their confidence in us.

The bottom line is that, in any situation, in any competition, and certainly in any fight, America expects that their Navy will find a way to win. And we will. Mr. Chairman and members of the committee, if confirmed, I will give everything I have to honor and

1	strengthen the bonds of trust and confidence that your Navy
2	has with our Nation and its people.
3	Thank you. And I look forward to your questions.
4	[The prepared statement of Admiral Richardson follows:]
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The Chairman: Thank you, Admiral.

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Admiral Richardson, General Dunford recently stated --2 made a couple of statements in his appearance before this 3 committee. One was that he said we can't -- we cannot 4 5 execute the 2014 Quadrennial Defense Review with the budget cuts as a result of Budget Control Act, known as 6 sequestration. He continues stating that ongoing cuts will 7 8 threaten our ability to execute the current defense 9 strategy. Do you agree with that? 10 Admiral Richardson: Yes, sir, I do. 11 The Chairman: Do you believe that, as other witnesses 12 have -- in uniform have stated, that continued adherence to sequestration will put the lives of the men and women 13 14 serving in the Navy at greater risk? 15 Admiral Richardson: Yes, sir, I do. 16 The Chairman: You do. 17 Are you seeing what I'm hearing, that there is becoming a morale problem and possibly, over time, a retention 18 19 problem because of the effects of sequestration on ability 20 to plan, ability to train, readiness, long deployments, et 21 cetera? 22 Admiral Richardson: Senator, from my experience, when I get around the fleet -- and I do a fair amount of that --23 24 morale remains high, but there is a degree of unsettledness

25 and uncertainty that arises from uncertainty in the fiscal

1 environment. And so, as we manage our way through continuing resolutions, the looming sequestration --2 sequestration always looming over us, and manage our way 3 through these times of reduced resources, there is an 4 5 unsettled feeling in the force as this uncertainty clouds 6 the air. They remain committed, as I said in my statement, to doing the job that they have been given. They want to be 7 8 trained properly to execute the mission. And so, that's the 9 way I see it right now.

10 The Chairman: Which sequestration is a hindrance to.11 Admiral Richardson: It is, yes, sir.

12 The Chairman: Department of Defense has announced a 2-13 month gap of aircraft carrier presence in the Middle East 14 later this fall while we are conducting air operations from 15 the carrier there. Will -- does that concern you?

Admiral Richardson: Sir, that does concern me, but I would say that the overriding message that I hope is clear is our firm commitment to a naval presence in that region. We've been there for decades. We've --

20 The Chairman: And the absence of the carrier doesn't 21 really authenticate a commitment.

Admiral Richardson: Sir, I think the commitment does remain strong, and we'll work to mitigate --

The Chairman: So, does this impair our ability to carry out operations, the absence of the carrier?

1 Admiral Richardson: Sir, I think we will mitigate the absence -- any absence of the carrier through other 2 3 capabilities, using the entire --The Chairman: Tell me one other -- tell me what 4 5 replaces an aircraft carrier, Admiral. 6 Admiral Richardson: Well, sir, you could use other air assets, strike assets to mitigate that gap. 7 8 The Chairman: For example. Admiral Richardson: Land-based air or --9 The Chairman: So, now you're -- believe that land-based 10 11 air can replace the presence of the carrier? 12 Admiral Richardson: Sir, there's no question about the value of an aircraft carrier in the region, sir. 13 The Chairman: Well, then that doesn't comport with what 14 15 you just said. 16 Admiral Richardson: Sir, I was trying to make the point that -- about our long-term commitment in the region. 17 The Chairman: I'm talking about a 2-month gap in the 18 19 short term. 20 Admiral Richardson: Yes, sir. That gap is a 21 reflection of the earlier strains on the force, long-term 22 commitments --23 The Chairman: Yeah, but my question was, Is that going 24 to hinder our ability to carry out the needed operations in 25 the region, where obviously there's conflict taking place?

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Admiral Richardson: Without that carrier, there will
 be a decrement in our capability there, yes, sir.

3 The Chairman: After more than 2 million -- billion dollars in cost growth of the first three Ford-class 4 5 carriers, what -- it's an example, and a glaring example, of 6 cost overruns and schedules delays. What extent would giving the Chief of Naval Operations greater responsibility 7 8 for acquisition programs help reduce cost overruns, schedule 9 delay, and fix this problem, which, at least in the view of many of us, have difficulty justifying to our taxpayers? 10

11 Admiral Richardson: Sir, I share your concern about 12 the cost overruns of the carrier, and I agree with you that 13 they are unacceptable. From my experience, controlling cost 14 and schedule while delivering capability really resides from 15 adhering to a few fundamental principles. One is clear 16 command and control that is lean and agile. We've got to have a definition of requirements that is informed by 17 available technology and available resources. You've got to 18 19 have a stable design and a build plan before you begin 20 production. And finally, you have to have informed and 21 close oversight. I think that the Chief of Naval Operations 22 is involved in every step -- every one of those four steps. 23 And, if confirmed, I look towards -- forward to being very 24 involved in acquisition.

25 The Chairman: Well, unfortunately, the last Chief of

Naval Operations testified before this committee that he
 didn't know who was responsible for it. I hope you're aware
 of the changes that we're trying to make in the NDAA which
 would make the Chief of Naval Operations more involved.

5 And finally, do you believe that it's appropriate, or 6 would you be supportive of, a provision in the NDAA which 7 calls for examinations of alternative platforms for 8 aviation, as opposed to what is basically, right now, the 9 only game in town?

Admiral Richardson: Mr. Chairman, I look very much forward to supporting that study completely and seeing what information it produces.

13 The Chairman: Thank you.

14 Senator Reed.

Senator Reed: Well, thank you, Mr. Chairman, Admiral Richardson.

Following on the Chairman's questioning, the biggest 17 program -- new program coming online is the Ohio-class 18 19 replacement. And you talked about sort of getting it right, 20 from the beginning, which is requirements. And you're in a 21 very significant position right now with your participation 22 on the nuclear reactor program. Are you satisfied with the 23 requirements, as they exist today, of 16 missile tubes on 24 the Ohio class, one of the most significant aspects? 25 Admiral Richardson: Senator, the current requirements

1 for the Ohio replacement program are exactly what we need to 2 continue to deliver that capability.

3 Senator Reed: And not only now, but if you're the CNO, you'll continue to look closely at those requirements to 4 5 ensure that they're necessary and sufficient, though. 6 Admiral Richardson: Yes, sir. Senator Reed: The other -- what other requirements in 7 8 -- with respect to the Ohio-class replacement do you think 9 are critical, besides the two? Are there any other key, 10 sort of, game changers that you're looking at? 11 Admiral Richardson: Yes, sir. Certainly, as I look at 12 the Ohio replacement program, a program that will be 13 defending the Nation well into the -- for 50 years -- well, 14 potentially into 2080s -- there are some things that you 15 must build into the ship that you must get right from the 16 very start, and then there are some things inside the ship

17 where you allow technology to mature and advance. I would 18 say that a critical component that must be addressed from 19 the start is -- in addition to the missile tubes -- is 20 stealth. And we've paid a great -- amount of time and 21 energy to make sure that we have the stealth requirements of 22 the submarine right.

23 Senator Reed: Very good.

24 One of the things that we have done in the last several 25 years in the National Defense Authorization Act is create a

1 sea-based deterrence fund to try to aid the construction and 2 deployment of this new class of submarines. And the Navy is 3 developing plans to use this sea-based deterrence fund. Do 4 you have any notion of when those plans will be forthcoming 5 and available to us?

6 Admiral Richardson: Sir, first, you know, the creation of this fund, I think, highlights the existential importance 7 8 of this program to our Nation, and also that executing this 9 program will require a combination both of resources and authorities. We're conducting a study right now to both 10 11 mature the design and mature the build plan. We should get 12 that completed by the fall timeframe, and I look forward to 13 collaborating when we have that more mature.

14 Senator Reed: And the essence underlying this national 15 sea-based deterrence fund, the same logic, I presume, will 16 apply -- this is maybe a comment more than a question -- to 17 the necessity as we go forward to replace the air- and land-18 based legs of the triad, also. Because, a service --19 exclusively service-funded program is very expensive, given 20 competing demand. So, is that your logic?

Admiral Richardson: Yes, sir, I agree with that logic. Sir, these are critical builds to reconstitute our strategic triad. Yes, sir.

24 Senator Reed: Thank you.

25 One of the other areas which gives us an edge, and we

1 hope increasing edge, an increasing one, is the labs and the test facilities and the intellectual infrastructure of the 2 3 Navy. And it's all over the country. We have the Naval Under-Warfare Center in Newport, but there are so many 4 5 critical aspects of this. Particularly in these difficult 6 budgetary times, do you have any concerns about appropriate funding for the laboratories? And will we lose out, in 7 8 terms of their contribution to national security?

9 Admiral Richardson: Sir, I think it's absolutely 10 critical that we maintain this intellectual capital to 11 inform our decisions, not only today, but even more so into 12 the future, addressing your concern that programs like Ohio replacement remain attuned and relevant, going forward. 13 14 It's absolutely critical that we fund this so that we can 15 remain relevant. Also look forward to participating in 16 discussions that can make them more agile and competitive 17 with their private-sector counterparts, as well.

18 Senator Reed: Just a final point. I think your 19 comments are right on target. You need an infrastructure of 20 research centers, the Navy, other services, but they have to 21 be much more agile, much more connected to commercial 22 procurement, commercial enterprise, and that's a challenge 23 that you'll have to take on as you assume these duties. 24 Thank you very much.

25 Admiral Richardson: Thank you, sir.

1 The Chairman: Before I recognize Senator Ayotte, I'd 2 like you to affirm that the finest shipyard on earth is the Portsmouth Naval Shipyard. Is that correct? 3 4 [Laughter.] 5 The Chairman: Thank you. 6 Senator Ayotte. Senator Ayotte: Well, thank you, Chairman. 7 Ι 8 appreciate your confirming what we all know, and certainly what Senator King agrees with me about, that the Portsmouth 9 Naval Shipyard is the finest naval shipyard on earth. 10 11 [Laughter.] 12 Senator Ayotte: We have a great partnership between Maine and New Hampshire on this shipyard. 13 14 And I actually know that you have a history with the 15 shipyard. I certainly have been there before, and --16 Admiral Richardson: Yes, ma'am, I sure do. 17 Senator Ayotte: -- we look --Admiral Richardson: I -- well, that's where my wife 18 19 and I met, was up there, and we dated all around Portsmouth. 20 So, we go all the -- that's our --21 The Chairman: See? Just as I --22 [Laughter.] 23 Senator Ayotte: So, we will welcome you back to the 24 shipyard, and we'd enjoy that. 25 But, I thank -- I very much thank you and your family

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1 for your service to the country and willingness to take on 2 this important leadership position during these challenging 3 times.

And yesterday, before the Committee on Readiness,
Senator Kaine and I hosted a hearing that was focused on
best practices at our Nation's public and private shipyards.
And I believe my staff provided that testimony to you.

8 Admiral Richardson: Yes, ma'am.

9 Senator Ayotte: And one of the things that came out 10 that is happening at the Portsmouth Naval Shipyard is a very 11 strong partnership between labor and management that has 12 driven performance significantly, where they are producing 13 -- producing the work they're doing on our attack submarine 14 fleet ahead of schedule, under budget. And a takeaway from 15 the hearing was that some of these best practices that are 16 being put in place, that we need a better mechanism to share 17 those among the shipyards before -- public shipyards -- to ensure that we can learn from each other to make sure that 18 19 that strong partnership is there for excellent performance 20 between labor and management. And I know that the Naval Sea 21 Systems Command, NAVSEA, Labor-Management Partnership Forum 22 is an important start in that effort, but I think there can 23 be more done, based on the hearing we had yesterday. 24 So, I wanted to ask you about this issue, and your 25 commitment to ensuring that we institutionalize best

practices among our workforce and relationships between
 labor and management among all the four shipyards.

3 Admiral Richardson: Yes, ma'am. First, I would say that they just are a magnificent team up in Portsmouth. And 4 5 all of our public yards are absolutely strategic jewels in 6 our Nation's capability. Even in my current job as Director 7 of Naval Reactors, we are very involved with the shipyards. 8 And it has been a thrust of my time here as the director to 9 do exactly that, ma'am, is that we can share best practices, 10 and we can share lessons learned, as well, more effectively. 11 And so, that has been a -- an emphasis of my time here, and 12 will continue, if confirmed as CNO.

13 Senator Ayotte: I appreciate it.

14 As we look at the request for combatant commanders for 15 the support from our attack submarine fleet, and then we 16 look at -- we have -- currently, we have about 54 attack 17 submarines, and we're only meet of half of combatant 18 commanders' request for. And as we look at some of the 19 activity, particularly in the Asia-Pacific region, we know 20 that there's -- this is very important, to have this 21 capacity. And yet, where we're headed is the number of 22 attack submarine fleet -- of subs is actually going down to 23 41 as we look forward to 2029. And so, one thing that this 24 committee has done is really focusing on having the Navy 25 procure at least two Virginia-class submarines per year.

1 What are your thought on this shortfall and how we 2 address it? Now, overriding everything, of course, is 3 sequester and our need to resolve that. But, going forward, 4 assuming we can work together to resolve that, which has got 5 to be top priority, what's your thought on making sure that 6 we have what we need?

Admiral Richardson: Ma'am, I think it's very clear,
and can show hard evidence that we currently enjoy
superiority in the undersea domain. But, that domain is
hotly contested, and we cannot rest for a minute and remain
confident. We have to continue to keep pressing.

12 To address your question, ma'am, exactly as you say, we've got to continue to try and mitigate that dip in attack 13 submarine force level before the -- below the requirement of 14 15 48, and we are doing everything we can to mitigate that. 16 One is that the two Virginia-class submarines per year are a 17 critical part of that program, very highly successful, continuing to deliver below budget and ahead of schedule. 18 19 That must continue, and we must continue to try and reduce 20 that construction time.

As well, we're looking to do what we can to extend the life of our current Los Angeles-class attack submarines and every other thing we can to mitigate that trough.

24 Senator Ayotte: I thank you.

25 And I know that my time is expired, but I know the

1 Chairman would share this concern, since we're in this 2 public forum, that we say something about what Russia did 3 yesterday in the United Nations, in terms of blocking the 4 request for an investigation into MH-17. And I think it 5 shows -- it's not related to this hearing, but it shows our 6 concerns that we've been trying to address in this committee 7 on Russia.

8 And I thank you for your willingness to serve in this9 important position.

10 Admiral Richardson: Thank you, ma'am.

11 The Chairman: Senator Donnelly.

12 Senator Donnelly: Thank you, Mr. Chairman. And I was 13 hoping you would introduce me by saying I'm from the home of 14 the greatest Naval Surface Warfare Center in southern

15 Indiana, that naval bastion.

16 The Chairman: I'll try to do that in the future.

17 Senator Donnelly: Thank you, sir.

18 [Laughter.]

19 Senator Donnelly: Admiral, thank you. And, to your 20 family, thank you very, very much. Like the Chairman and 21 like you, Admiral, my dad was a Navy veteran. He was a 22 little bit below decks on the ship, but loved every minute 23 of having a chance to be part of it.

24 When we look foreign and we look at the challenges we 25 have in the nuclear area in regards to submarine warfare,

one of my greatest concerns is the efforts to attack us,
cyber-wise, to find out our technology, to find out our
plans, to find out how we plan to map it out, going forward.
And so, it's not only on the naval side, but on our
contractor side. And I was wondering what is being done to
make sure that there's no backdoors open with our
contractors that other countries can get into.

8 Admiral Richardson: Senator, I share your concern 9 about activity in the cyberdomain. As we speak today, that is a hotly contested domain. And, just on our defense and 10 11 Navy networks, we are, you know, subject to tens of 12 thousands of attacks per day. Attribution is very difficult, but, just like in other domains, success, I 13 14 think, revolves around being properly organized, trained, 15 and equipped. And Navy is moving out in that area with 10th 16 Fleet, the formation of cybermission teams that would provide not only defensive and support capabilities, but 17 offensive tools that would be available, should our leaders 18 19 choose to use those.

20 With respect to protecting our networks, we use a 21 variety of tools. Some of those exact techniques, I'm 22 reluctant to talk about in an open forum.

23 Senator Donnelly: Right.

Admiral Richardson: But, we do maintain, both from a physical security, a cybersecurity, and personnel,

1 appropriate measures to prevent those sorts of intrusions. Senator Donnelly: And I know you're working hard on 2 it, and working in connection with our contractors to go 3 over best practices with them to ensure that every avenue to 4 5 the technology, to the intellectual capital, is cut off. 6 One of the things we do at Crane Naval Warfare Center is, we collaborate a lot with the Air Force on systems and 7 how to save money and how to kind of be able to -- and I 8 9 know this is a subject dear to the Chairman's heart -- How do we make every dollar go a little bit further? How do we 10 11 work in coordination to see if something can fit on -- in 12 both the Navy and in the Air Force? And I'm sure you would 13 want to continue that effort.

14 Admiral Richardson: Absolutely. Everywhere we can, 15 not only meet the requirements of the mission, but be more 16 efficient and effective, I'm very open to that. And 17 particularly with respect to the work there at Naval Surface Warfare Center Crane, and their work in fighting the 18 19 proliferation of counterfeit parts and those sorts of things 20 is a big part of maintaining our security in the 21 cyberdomain.

22 Senator Donnelly: Thank you. And I had the privilege 23 of traveling with you to one of our facilities. And, during 24 that time, we had a discussion about the mental health of 25 our sailors. And I am sure that you will continue the

efforts of Admiral Greenert in making sure that -- the mental health challenges our men and women face, that you're there to make sure there's no stigma and that services and assistance are available.

Admiral Richardson: Senator, absolutely will remain fully committed to that, to help our sailors be fully part of a connected team so that, when challenges come of any sort, they can fall back and feel -- and get support.

9 Senator Donnelly: Let me ask you this. What keeps you 10 up at night? What is your greatest concern? Number one, 11 logistics-wise, what do you need the most? And, number two 12 is, what's the greatest danger you see out there, in your 13 job?

14 Admiral Richardson: Senator, I think the Chairman 15 mentioned it, and it's been discussed here already at the 16 hearing. The thing that has my attention is the growing complexity and urgency of our security environment around 17 the world. Our Nation is pulled in so many different 18 19 directions, not only the Indo-Asia-Pacific, but also we 20 mentioned Russia and their activity in Europe, and certainly 21 the activity in the Middle East. Contrasting to that is --22 sequestration, I think, is a symptom of sort of a level of 23 awareness that I look forward, if confirmed, to enhancing, 24 to make that message more vivid so that we can close the gap 25 between the growing requirements in the security

environment, and things like sequestration would -- which
 would threaten the resources to address it.

3 Senator Donnelly: Admiral, thank you for your service4 to the country.

5 Thank you, Mr. Chairman.

6 The Chairman: Senator Cotton.

Senator Cotton: Admiral, thank you very much for your 7 8 service. And thanks, to your family, for their service, as 9 well. The Navy is unique among our services, that, in 10 wartime or peacetime, the deployment pace does not really 11 change, and we know it puts strains on families. So, both 12 for what you represent for our sailors and what you 13 represent for all their families, we're grateful for all of their service. 14

15 Admiral, is China an adversary?

Admiral Richardson: Senator, I think China is a complex nation. They are clearly growing in every dimension. Many of the things that they do sort of have an adversarial nature to them. They -- they've got a vastly growing nation. Their activity in the South China Sea in land reclamation certainly has potential to destabilize that region.

Senator Cotton: So, it doesn't sound like rosy
relationship right now with China, between the United States
and our allies, but various published reports have

1 speculated that civilian -- our Civilian Nuclear Cooperation Agreement with China that the Obama administration has 2 3 submitted to Congress may facilitate the transfer of 4 sensitive nuclear equipment and technology to the People's 5 Liberation Army's Navy. This is very troubling to me. And, 6 given the trends you cite, I would imagine any increase in the capability and lethality of the PLA navy would also 7 8 worry you. Do you believe that the United States Navy has a 9 appreciable military advantage over the PLA navy at this 10 point, especially regarding nuclear naval capabilities?

Admiral Richardson: Senator, this is something I obviously watch extremely closely. The details of this are very, very technical and difficult to discuss in an open forum. I would look forward to discussing those in a classified setting with you.

But, we have taken a look very closely at the successor agreement to continuing to exchange nuclear technologies. I believe that, in aggregate, we would be better with a renewed successor agreement than without it.

20 Senator Cotton: Even if you suspected or knew that the 21 PLA navy was going to divert that civilian nuclear 22 technology towards nuclear naval systems?

Admiral Richardson: Senator, again, the details of exactly that assessment are classified, but I can say, with a fair degree of confidence, that we are better with this

1 agreement than we are without it.

2 Senator Cotton: Okay, thank you.

3 Right now, the Navy is on a budgetary path to 260 ships 4 or less. Do you agree with the findings of the 2014 5 National Defense Panel, which was a bipartisan and 6 congressionally mandated group of experts, that we should 7 have a target force of between 325-346 ships?

8 Admiral Richardson: Sir, I think that the strategic 9 environment -- you know, we could easily justify an appetite 10 for more ships, but another dimension of the strategic 11 environment is the resource part of that environment. Our 12 current plan for a 308-ship Navy represents, right now, the 13 very best balance to meet the demands, not only of the 14 security environment, but also to do that with available 15 resources.

16 Senator Cotton: Secretary of the Navy Ray Mabus has 17 said that quantity has a quality of its own. Do you believe 18 that that is true? And, if so, is 308 ships going to be 19 enough of a quantity to give us that quality of its own 20 kind?

Admiral Richardson: I 100-percent agree with Secretary Mabus about the quality of the number of ships. And the current plan does allow us to meet our responsibilities in the defense strategic guidance, albeit with some risk. Senator Cotton: In the recently issued National

Military Strategy, General Dempsey, the Chairman of the Joint Chief of Staff, describes the need to counter certain revisionist states -- Russia, China, Iran, North Korea principally among them. But, he also writes that the U.S. military advantage has begun to erode. Are there areas in which the U.S. Navy's military advantage has begun to erode, relative to our adversaries?

8 Admiral Richardson: Senator, this is a very dynamic 9 environment, and the technological environment is changing 10 very rapidly. As the Chairman mentioned, we've got to 11 become more agile in our acquisition systems to stay 12 competitive in that realm. But, I'm confident that, with 13 the support of this committee and with Congress and the 14 innovation of the Navy, we will do that. But, as you said, you know, some of our readiness is starting to -- we're 15 16 still recovering from the effects of the 2013 sequestration as we continue to build our readiness back up so that we've 17 got appropriate responses forces for global contingencies. 18 19 Senator Cotton: So, the flip side of what you just 20 said is, without adequate support from this Congress, then

21 our military advantage, as it relates to our Navy, may, in 22 fact, begin to erode?

23 Admiral Richardson: Yes, sir.

24 Senator Cotton: Well, I hope that we provide you and 25 all the sailors that you represent the adequate support you

need, both to modernize our fleet and to continue to be a
 forward-deployed force to project American power.

Admiral Richardson: Thank you, Senator. I lookforward to working with you.

5 The Chairman: We might now hear from the Newport News
6 Naval Shipyard, Senator Kaine.

7 Senator Kaine: And Norfolk, as well, Mr. Chair.

8 The Chairman: Norfolk. Excuse me. Both.

9 [Laughter.]

10 Senator Kaine: Thank you, Mr. Chair.

And thanks, Admiral Richardson. And congrats to your cavalier daughter, Rachel. We're glad to have her here, as well, and your family.

14 You've got a big day Saturday. The launch of the 15 U.S.S. John Warner, a Virginia-class sub, at the Norfolk 16 base, a former chair of this committee, and wonderful 17 colleague. And that's a great program, actually, to 18 exemplify a couple of issues. The Chair asked questions 19 about acquisition reform. The Virginia-class program, 20 because of this kind of "coopetition" between the shipyard 21 at Newport News and Electric Boat in Connecticut, has been a 22 pretty solid program, in terms of delivering the subs, as 23 contracted, on time, on budget.

24 Admiral Richardson: Yes, sir.

25 Senator Kaine: Are there lessons from that acquisition
strategy that, you know, we replicate on Ohio-class or other
platforms?

3 Admiral Richardson: Senator, we intend to leverage all of those lessons to design and deliver the Ohio class, using 4 5 many of the same tools that have been successful in 6 Virginia. And we hope to bring to you a design that is very mature. That was one of the key successes to the Virginia 7 8 program. We hope to provide you a stable build plan that, 9 if funded with predictable funds, will allow the team of 10 shipyards at Newport News and Electric Boat to allocate risk 11 and deliver those submarines, along with the Virginia class, 12 at the lowest possible price.

13 Senator Kaine: Another aspect of the U.S.S. John 14 Warner is -- it's obviously a nuclear sub, and you are the 15 -- currently the commander of Navy Nuclear Propulsion. When 16 we talk about sequester and the effects of sequester on the 17 defense mission, sometimes I think we ought to make sure we're broadening our view. In your current role, you work 18 19 very closely with the Department of Energy around nuclear 20 reactor work, as well, don't you?

21 Admiral Richardson: Yes, sir.

22 Senator Kaine: And sequester doesn't just affect 23 defense by affecting the Department of Defense. The 24 nondefense accounts, Department of Energy being one, that 25 are affected by sequester also have a significant effect on

1 our national security, isn't that correct?

Admiral Richardson: Senator, that's exactly right. And Secretary Moniz has been very clear about the national security mission that he has in the Department of Energy, not only for naval reactors, which he fully supports, but also in the nuclear weapons business.

7 Senator Kaine: So, if we were just to fix sequester in 8 the defense accounts, but not fix sequester in the 9 nondefense accounts, things like nuclear research through 10 the DOE that has a direct impact on national security would 11 still be compromised, correct?

12 Admiral Richardson: That's true, yes, sir.

Senator Kaine: I want to ask you about readiness and the measures of readiness. Because Senator Ayotte and I are on -- chair and ranking on the Readiness Subcommittee. Let's get into the metrics a little bit.

My understanding is, normally you have about a third --17 Navy would have about a third of its ships forward deployed 18 19 to support regional commanders, but then have an additional 20 component, usually three carrier strike groups and three 21 ARGs, in a surge status, so kind of trained up and ready to 22 deploy within 30 days. Talk to us about how sequestration 23 and budgetary uncertainty affects that surge capacity, the 24 readiness to respond to the unforeseen contingency.

25 Admiral Richardson: Yes, sir.

1 Senator, certainly, our priority has been -- and 2 Admiral Greenert's made this clear -- that we will not 3 deploy forces unless they are fully ready. And so, those 4 forward-deployed strike groups and amphibious-ready groups 5 will be ready in every respect. But, to meet our 6 responsibilities in the Defense Strategic Guidance, we also need that surge force to respond to contingencies once those 7 8 forward-deployed forces have done their mission. Currently, 9 you know, our requirements are that we have three carrier strike groups and three amphibious-ready groups ready to 10 11 deploy in the event of a contingency. Right now, we are at 12 one of those three. We are on a path to recover so that we've got full readiness in both of those areas by 2020, but 13 14 that also is contingent on stable and reliable funding to 15 get us there.

Senator Kaine: And so, from the earlier testimony, even the forward-deployed -- when we end up with this 2month carrier gap, the forward-deployed is affected by budgetary uncertainty, and then, up until 2020, our surge capacity and readiness is -- has been significantly affected, and we hope to get back to that surge capacity that we think is optimal.

23 Admiral Richardson: Yes, sir.

24 Senator Kaine: Just last item, quickly. Senator King 25 and I were in India in October and visited the shipbuilders

1 at the Magazon docks in Mumbai. And there was a great deal of pride there, and a great deal of desire to partner with 2 the United States. I like the fact that you mentioned the 3 Indo-Asia-Pacific region. I view India and the Indian navy 4 5 as a partner of growing importance as we look at this pivot 6 to Asia. And I think there's a strong desire to partner with the United States, participate in naval exercises. 7 8 They do more joint exercises with the U.S. than any other 9 nation, and I would just like your opinion about that as my 10 final question.

Admiral Richardson: Senator, I agree, there's tremendous importance to that region, and also potential to further those relationships. And, if confirmed, I look forward to getting personally involved in making those ties stronger.

16 Senator Kaine: Great. Thank you so much.

17 Thanks, Mr. Chairman.

18 The Chairman: Senator Ernst.

19 Senator Ernst: Thank you, Mr. Chair.

Thank you, Admiral, for being here today. And I do want to take special time and thank your father, your wife, Dana, and your daughter, Rachel, for accompanying you today. And, Rachel, a special shout-out to you for serving at Walter Reed right now. I have a dear friend that recently went through the Amputee Center. So, thanks so much for all

1 your great service, as well.

Admiral, in reference to the Iran nuclear agreement, 2 3 the Obama administration has continuously said, over and over again, that the alternative to the Iran nuclear 4 5 agreement is war. He -- the President has made it clear in 6 his statement, that the only alternative is war. So, as I'm out visiting with other people, that's kind of the response. 7 8 It's picked up, and people are saying, "Oh, we have to go to war if we don't sign this agreement." 9

10 In your best military judgment, do you believe that the 11 only alternative to this nuclear agreement is war?

12 Admiral Richardson: Senator, I think -- my way of 13 answering that would be that a major mission of our Armed 14 Forces, the Joint Force and certainly the Navy, is to use 15 all means necessary to deter that type of war, not only 16 through preventing Iran from getting a nuclear weapon, but 17 also by deterring any kind of -- many of the other tools that they use to disrupt activity in that region. 18 So, 19 they've got considerable conventional forces, ballistic 20 missiles, surface forces, and they've talked about mining 21 the Straits of Hormuz, they support terrorist organizations 22 throughout the region. We need to use the full set of 23 capabilities that the Joint Force and the Navy can deliver 24 to deter that. And that military contribution is also just 25 a subset of a whole-of-government approach along with our

1 allies in the region.

Senator Ernst: So, a whole-of-government approach. 2 3 And I think that's extremely important, that we remember that, that we do not have to sign this agreement, and that 4 5 does not necessarily mean that we will be going to war with 6 Iran. Is that your assessment? Admiral Richardson: Ma'am, I do support a whole-of-7 8 government approach and --9 The Chairman: Admiral, you were just asked to give your personal opinion, if asked for it. The Senator is asking 10 11 for your opinion as to whether there are other options 12 besides going to war with Iran. Admiral Richardson: I think that there are other 13 14 options besides going to war. 15 The Chairman: Thank you. 16 Senator Ernst: Thank you, Admiral. 17 Thank you. And Iran's -- since we're on that topic, Iran's 18 19 military budget is approximately \$11 billion per year on 20 defense. Its posture, however, is bolstered by a variety of 21 asymmetric and relatively low-cost capabilities and tactics, 22 including swarming at sea, artillery rockets, ballistic 23 missiles, and UAVs. And, as you know, through this 24 agreement, Iran will gain about \$150 billion, due to 25 sanctions relief, and the ability to purchase more advanced

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Alderson Reporting Company 1-800-FOR-DEPO weapons and equipment through the lifting of the U.N. arms embargo. And even if a small portion of the sanctions relief money is directed towards their military capabilities in Iran, what types of weapons and equipment do you believe that Iran would purchase to improve its ability to project force within the Persian Gulf?

Admiral Richardson: Well, ma'am, I think that we would, as we have been throughout, be sensitive to the proliferation market in weapons. And so, I would be very concerned about them increasing their ballistic missiles fleet -- force, as well as their anti-ship cruise missiles, the mines, and the surface combatants that you mentioned, as well.

14 Senator Ernst: Okay. Well, I appreciate that. 15 And I do think it is something that we have to be ever 16 vigilant about. This is a very serious matter that we are 17 facing today with Iran and its potentially increased 18 military capabilities in that region. This is not an 19 American problem, this is not an Iranian problem, this is a 20 worldwide problem.

21 So, I appreciate your attention to the matter, and I do 22 look forward to supporting you in your confirmation.

23 Thank you, Admiral.

24 Admiral Richardson: Thank you, ma'am.

25 Senator Ernst: Thank you, Mr. Chair.

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The Chairman: Senator King.

Senator King: Thank you, Mr. Chair.

3 Admiral, in this day and age where people move around so much, and particularly service families, it's hard to 4 5 determine where someone is from. My definition is, it's where you went to high school, so I claim you as a proud son 6 of the State of Maine. Delighted to have you here today. 7 8 A second point. I spent some time, a year ago, on one 9 of your Virginia-class submarines under the ice in the Arctic. When I came home, my wife said, "What most 10 11 impressed you?" And I think she expected to hear about the 12 marvelous technology and the amazing command center and all 13 of that. And I said, "No, what really impressed me was the 14 young people on that boat."

15 And you have extraordinary people. The officers, of 16 course, were excellent. But, what really I noticed was the 17 spirit and dedication and pride of the enlisted people, of the sailors. It was their boat, and they were so engaged 18 19 and proud of the work that they were doing. I just want to 20 commend you and pass along the observation that you are 21 taking command of an extraordinary group of people. And, of 22 course, the technology, which we've talked a lot about 23 today, is important. But, ultimately, it seems to me it's 24 the people that are going to make the difference.

25 Admiral Richardson: Senator, thank you for that

recognition. And I could not agree with you more. And I am
 so privileged for the opportunity presented here today.

Senator King: One of the questions that the Chairman 3 4 asked you at the beginning -- he goes through a set of 5 standard questions -- is, Will you give your personal 6 opinion when called upon in your position? I want to emphasize that. You're going to be in the National Security 7 8 Council. You're going to be in the Oval Office. You're 9 going to be at the upper reaches of the decisionmaking process at the Pentagon. You've got to speak up. If -- you 10 11 have extensive experience, wisdom, and background to --12 judgment to be brought to be bear on these questions. And I hope there'll be that -- we all experience that moment in a 13 14 meeting where you say, "Should I say something, or not?" I 15 hope you'll remember this moment and, even if it's the 16 President of the United States, say, "Mr. President, I have 17 to respectfully disagree." We need that from you, and I think that's one of the most important things that you bring 18 19 to this position.

Will you give me a commitment that you're going to be just this side of obnoxious in making your case at the highest levels of the United States Government?

Admiral Richardson: Sir, I specialize in going wellbeyond obnoxious.

25 [Laughter.]

Admiral Richardson: And I look forward, if confirmed,
 to participating in those discussions. And I will use - The Chairman: If you need practice in that, Senator
 King will help you out.

5 [Laughter.]

6 Admiral Richardson: Thank you, sir.

7 Senator King: Thank you, Mr. Chair. Your confidence8 is overwhelming.

9 [Laughter.]

10 Senator King: I mentioned about the Arctic. I see the 11 Arctic as an area of tremendous both opportunity and 12 challenge. Characterize our force structure and 13 capabilities in the Arctic, vis-a-vis Russia, particularly 14 in the area of icebreakers.

15 Admiral Richardson: Senator, the United States is an 16 Arctic nation, and the security environment in the Arctic is 17 changing as navigation passages open and access to natural resources, you know, opens up, as well. We must remain 18 19 engaged in the Arctic. The Navy is on a -- has developed a 20 roadmap to increase our capability in the Arctic to pace 21 this changing security environment. We are partnering 22 closely with the whole of government and other sister 23 services, particularly of the Coast Guard, in this area. 24 Senator King: But, isn't it true that, in terms of 25 icebreakers, which are the roadbuilders of the Arctic, we

have one little country road, and -- they have a bunch of interstate highways, or something like 40 icebreakers, we have one.

Admiral Richardson: Yes, sir. Senator -- Admiral Zukunft, from the Coast Guard, has testified, I think, in very clear terms, that we need to address this icebreaker situation.

8 Senator King: I think it's a serious problem that 9 we're going to have to really put some attention to. And I 10 understand it's in the Coast Guard's jurisdiction, but it's 11 -- it certainly affects your ability to operate in that 12 region.

Admiral Richardson: We're absolutely closely partnered, no daylight between us on that.

15 Senator King: In your advance policy questions, you 16 mentioned that you believed it would be in the national 17 interests that we accede to the Law of the Sea Treaty. 18 Could you expand on that a bit?

Admiral Richardson: Senator, I do believe that. I think that becoming part of that community would give us a great deal of credibility. And, particularly as it pertains to these unfolding opportunities in the Arctic, this provides a framework to adjudicate disputes and participate as everybody, you know, moves to, you know, improve their capability and posture in the --

Senator King: Well, in fact, because we're not members of that treaty, we are in -- we are literally losing ground in the Arctic, isn't that correct?

Admiral Richardson: I think that becoming part of that treaty is an important part of our movement into the Arctic, yes, sir.

7 Senator King: Thank you, Admiral. Thank you for your8 service.

9 Admiral Richardson: Thank you, Senator.

10 The Chairman: Thank you, Admiral, for that testimony on 11 the Arctic. I know that Senator Sullivan will have more on 12 that. But, we -- it seems to me that the -- just the 13 icebreaker situation is indicative of the difference in 14 emphasis that Russia and the United States seem to place. 15 Would you agree with that?

Admiral Richardson: Sir, if you just look at the resources, they've been very focused in the Arctic for a long time.

19 The Chairman: Senator Tillis.

20 Senator Tillis: Thank you, Mr. Chair.

21 Admiral Richardson, thank you for being here.

22 Congratulations to you and your family. And thank you all 23 for your years of service.

I also want to thank you for the time we spent in my office answering a range of questions.

One general question that I would have here, and would appreciate your personal opinion and your candor, is -- it relates to the current advantage that we enjoy with our adversaries, like Russia and China, and the specific threats to those gaps being narrowed as a result of sequestration if you have to deal with that in 2016.

7 Admiral Richardson: Yes, sir. As I said, the pace of
8 technological change is just picking up. And so --

9 Senator Tillis: Can you talk to specific areas where 10 you -- that are your greatest concern?

Admiral Richardson: I would say that, in particular, the ability to use a long-range precision-guided munition, a weapon, to target with greater and greater precision at longer and longer distances, this anti-access area denial capabilities that we've talked about many times, are a particular concern.

Senator Tillis: The -- what advice would you give us, as we're sitting here and we're trying to conference the defense authorization, and we're trying to get an appropriations process going -- if you're kind of guiding us through what we need to do to help you do your job, what do you need to tell us? What do we need to stop doing, what do we need to start doing?

Admiral Richardson: Senator, I think that we've proposed a solid plan, and we've mentioned, already, the

effects of sequestration and uncertainty in the fiscal
 environment, the budget environment. And perhaps the
 greatest thing that we could do together is put in place a
 long-term and predictable stream of funding.

5 Senator Tillis: Thank you for that.

6 I'm going to get a little bit more parochial now with 7 my marines down in North Carolina. And I know the Commandant of the Marine Corps has frequently stated that 8 9 the combatant command requirement, I think, for amphibious ships across a range of operations exceeds 50. I think the 10 11 minimum is 38. Yet, we're at 30 operating today, and it doesn't look like we'll obtain a amphibious fleet of more 12 13 than 34 across 30 years of a shipbuilding plan. Are you concerned with that? And what more do we need to do? What 14 can Congress do to help you overcome that ship shortfall? 15 16 Admiral Richardson: Senator, this is an area where 17 Navy and Marine Corps have been discussing and, again, have realized together that, although the requirement -- the 18 19 military requirement is 38, the current fiscal environment 20 is going to drive us to 34. I appreciate the assistance of 21 Congress to getting us to 34. To address those -- that gap 22 between the requirement and what we can resource, we're 23 looking at augmenting our lift there with other platforms 24 besides gray hulls. Gray hulls are absolutely, you know, 25 the requirement that's needed for the high-end threat, but

1 there may be applications and opportunities to lift marines
2 using other platforms.

3 Senator Tillis: Thank you.

And again, I want to tell you I look forward to you -your confirmation. I wholeheartedly support it.

I would ask some questions about concerns in the Arctic, but I have a feeling that my colleague here is going to do a better job of that than I can, because he's got bird's-eye view. But, I think it is an area that we all share a concern, and would appreciate your support in addressing his and all of our concerns.

12 Thank you, Mr. Chair.

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13 The Chairman: Senator Gillibrand.

Senator Gillibrand: Thank you, Mr. Chairman. Thankyou, Mr. Ranking Member.

16 Thank you, Admiral, for being here. Thank you for your I'm grateful for your family's service, as well. 17 service. We're very pleased to have you in front of this committee. 18 19 I want to talk a little bit about combat integration. 20 I strongly believe that we should have appropriate standards 21 that meet the needs of the positions and that allow anyone 22 who meets those standards to be able to do those jobs. 23 According to your advance policy questions, the Navy will

25 September of 2015 with validation of standards as gender-

provide a written report to the Secretary of Defense in

neutral. Ninety-five percent of Navy jobs are already open 1 2 to both men and women. And my understanding is that the 3 remaining positions are Special Operations positions. Can you tell me how you will work with Special Operations 4 5 Command to assess if you will need to ask for an exception? 6 And what, if anything, would you -- would lead you to ask 7 for an exception, particularly with regard to the Navy 8 SEALs?

9 Admiral Richardson: Ma'am, it's true that, currently, 10 we have more than 95 percent of the jobs open, as you said, 11 to women already. I was privileged to be the commander of 12 the submarine force as we integrated women into the 13 submarine force, and that integration has gone 14 spectacularly. They've --

15 Senator Gillibrand: That's good news.

Admiral Richardson: -- really have done a terrific job.

Those discussions, I think, must begin with mission 18 19 effectiveness. And I'm interested in any plan that would 20 improve our mission effectiveness in those areas. We have 21 really just the Special Operations Forces that remain to be evaluated. I'm not familiar with the details of those 22 discussions at those time, but, if confirmed, looking 23 24 forward to getting very involved with Special Operations 25 Command to make sure that we give everybody a fair

1 opportunity.

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Senator Gillibrand: Thank you.

3 And a related issue, prevalence of sexual assault in the military still remains guite high. And one of the 4 5 biggest concerns this whole committee shares is the rate of retaliation; that, in fact, of all those who reported, 62 6 percent were retaliated against. And that's the same rate 7 8 as it was 2 years ago. And retaliation takes many forms. 9 Fifty-three percent experienced social retaliation, peer-to-10 peer. Thirty-five percent experienced adverse 11 administrative action. Thirty-two percent experienced 12 professional retaliation. And 11 percent received 13 punishment for an infraction. So, arguably, more than half 14 of that retaliation is coming from their chain of command or 15 from some command structure.

16 So, I would urge you to look very heavily at this issue 17 of retaliation, because, unfortunately, the effect of it is, 18 less survivors come forward. And if you have less survivors 19 coming forward, you have less cases to investigate, and you 20 will convict less rapists.

And I want to just give you a thumbnail sketch of data that we got from one naval base. There were -- and this is the -- for the year of 2013 at Camp Pendleton -- there were for the year of 2013 at Camp Pendleton -- there were for the year of 2013, two court-martial charges preferred, two proceeded to trial, two convicted of sexual assault.

1 So, two out of 15 went forward. What we know about the crime of rape, it has very little false reporting. Some 2 3 estimate between 2 and 5 percent are false reports. So, in those cases, you were only able to get about 10 percent 4 5 cases to move forward. So, I think we have to do better, in terms of doing the investigations, assessing viability of 6 witnesses and credibility of witnesses, and bringing more 7 8 cases to trial, because two out of 15 is not a great rate.

9 So, those are challenges that you will have. This committee is very interested in it. I hope you will make a 10 11 commitment that you will work with me and the rest of us on 12 trying to end the scourge of sexual violence, because it 13 does result, unfortunately, in a lot of people leaving the 14 military. And so, a lot of your women, a lot of your men, 15 are leaving because they are experiencing assault within 16 their own ranks.

Admiral Richardson: Ma'am, you have my full commitment that I'll spare no effort to eliminate -- we can't be -- we can't rest until sexual assault is eliminated from the services. I can't think of anything more toxic to teamwork than that insider threat that preys upon the confidence between team members. I'm fully committed to eliminating this.

24 Senator Gillibrand: And one of your challenges will be 25 in lower command structures, where, in the last survey,

1 women responded to experiencing some form of sexual harassment and sexual discrimination. Sixty percent of that 2 3 harassment, they reported, was from their unit commander. So, there's an issue with some commanders that they really 4 5 need to be trained better to eradicate sexual harassment and sexual discrimination, because, again, it creates a negative 6 climate that perhaps is more permissive toward sexual 7 8 assault.

9 Admiral Richardson: Yes, ma'am, I think that is 10 absolutely the most productive battleground. If we're going 11 to solve this, we're going to solve it with the deck-plate 12 leaders, the chief petty officers, the officers who are in 13 the spaces and will eliminate not only sexual assault, but 14 those precursor behaviors that start us down the road.

15 Senator Gillibrand: Exactly.

For the record, I will submit a question about cyber. I'm very grateful for your interest in cyber. And I -- my question for the record will be, What career paths do you see for members of the Navy who want to make cyber their career?

Admiral Richardson: Yes, ma'am, I'll look forward to that.

23 [The information referred to follows:]

24 [COMMITTEE INSERT]

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1 Senator Gillibrand: Thank you.

2 Admiral Richardson: Yes, ma'am.

3 The Chairman: Senator Sullivan.

4 Senator Sullivan: Thank you, Mr. Chairman.

And, Admiral, good to see you again. Great to see your family. My father was also a Navy officer, also a father of six kids. When I joined the Marine Corps, he reminded me, on a daily basis, that the Marine Corps was Department of the Navy. Is that true?

10 Admiral Richardson: That is true, yes, sir.

Senator Sullivan: Oh, okay. I'll make sure he knows that.

13 [Laughter.]

14 Senator Sullivan: I do want to touch on the Arctic. 15 The actual numbers are, as Senator King mentioned, one 16 icebreaker for the United States, about 40 for Russia. 17 They're building five to six new ones. Some of them are 18 nuclear-powered. I mean, we are completely just not even in 19 the game. And you know the importance.

I must admit, I was a little disappointed by your answer to Senator King, because what's -- what I see is happening is, the Arctic and icebreakers are becoming kind of a bureaucratic football. So, for example, 4 months ago, I asked Assistant Secretary of the Navy Stackley to just give me a straight-up answer on the Arctic, on icebreakers.

He kind of did the same thing, "Well, it's a little bit in the Coast Guard realm." Well, the question is, Is it in the national interests of the United States to have more than one icebreaker when the Russians are trying to own the Arctic? What's your answer?

Admiral Richardson: I think the answer is clearly yes. 6 Senator Sullivan: Okay. So, I think what we need to 7 8 do is not keep talking about -- I've never gotten an answer 9 from the Assistant Secretary of the Navy. Four months ago. 10 I never got an answer. We just need to know, Do we need it? 11 How many? And then, How do we get there? No more, kind of, 12 "Well, it's the Coast Guard's problem, not really the Navy's." In the '70s, the Navy was the service that 13 14 supplied icebreakers to the country, wasn't it?

15 Admiral Richardson: Yes, sir, I believe so.

16 Senator Sullivan: Yeah. So, I think we need to just 17 get through the bureaucratic redtape. It's clearly in the 18 national interests. You just stated it, everybody states 19 that we need to move forward and quit kind of doing the 20 football back and forth between the Navy and the Coast 21 Guard. Would you agree with that?

Admiral Richardson: Senator, I am not interested in a bureaucratic approach to this. We need to have a plan of action. And I look forward, if confirmed, to working with the -- our partners in the Coast Guard to address this in

1 real terms.

Senator Sullivan: Okay. And it would be good to hear back from Assistant Secretary Stackley. I asked him a question on this 4 months ago. He said he'd get back me. He never has.

Just a real quick question, just a yes-or-no answer. We had an amendment in the NDAA supporting the Pacific rebalance that said it was the sense of the Congress that the services should increase force posture to give credibility to the rebalance. Is it -- should services be free to ignore the defense guidance of the Congress -- just yes or no -- in the NDAA?

13 Admiral Richardson: No.

14 Senator Sullivan: Okay.

15 Finally, I want to draw your attention to the chart and 16 some of the handouts we had here. This relates to China's reclamation activities in the South China Sea. This is an 17 example. It's 18 months, before and after, of the Fiery 18 19 Cross Reef. I'm sure you're familiar with it, Admiral. 20 It's actually a 2.7 square -- 2.7 million square meters, 505 21 football fields, a 3,000-meter airstrip long enough for any 22 PRC military aircraft. It's just a huge -- one of their 23 large reclamation projects.

We were recently in Singapore, a number of us, at the Shangri-La Dialogue, and Secretary Carter gave a speech,

1 that I thought was quite strong, on what our policy is. But, there seems to be a confusion in the policy. So, 2 3 Secretary Carter stated, "We will continue to fly, sail, and operate wherever international law allows." He then stated, 4 5 "After turning an under- -- after all, turning an underwater 6 rock into an airfield simply does not afford the rights of sovereignty or permit restrictions on international air or 7 8 maritime transit."

9 However, PACOM Commander Harris, just 2 weeks ago at 10 the Aspen Security Forum, stated, "It is U.S. policy to 11 afford a 12-minute limit around all of the islands that are 12 in the South China Sea. And it's been a longstanding 13 policy, not because they're occupied by China or built up by 14 China, but just in general." He later clarified his 15 statement to include islands and formations.

16 Do you think -- first of all, to me, that's very 17 confusing policy -- do you think that we need to clarify that? And do you think that Admiral Harris's statement is 18 19 just a de factor recognition of China's reclamation 20 strategy? And is it your -- in your best professional 21 judgment, should we be sailing within 12 nautical miles and 22 not allowing the facts-on-the-ground strategy to be changed 23 by China to essentially recognize Fiery Cross Reef and other 24 places?

25 It's a really important issue, and there's no

clarification from the White House, State Department, or
 Department of the Navy. I think Secretary Carter and
 Admiral Harris's statements are actually very contradictory.
 That kind of uncertainty can create miscalculations.

5 Admiral Richardson: Senator, I think it's absolutely important that the Navy continue to be present in that 6 region, for a number of reasons, to provide our continued 7 presence, that we are there as a matter of routine in 8 international waters. We do have to respect the 9 legitimately claimed territorial boundaries. I think that 10 11 Secretary Carter and Admiral Harris would agree with me 12 there. And so --

Senator Sullivan: But, does that mean respecting that, in terms of a 12-nautical-mile radius?

Admiral Richardson: Sir, I'd have to look at exactly 15 16 which of those claims are legitimate. It's a dynamic 17 situation. There's competing claims down there. But, the bottom line is, we need to get down there, understand the 18 19 truth, make that very clear, and be present in that area so 20 that we don't get shouldered out of the South China Sea. 21 Senator Sullivan: Mr. Chairman, I'll be submitting 22 questions for the record to make sure that the policy of the 23 United States is clarified on this important issue, because

24 right now it's very murky.

25 [The information referred to follows:]

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1 The Chairman: Good luck.

2 Senator Blumenthal.

Senator Blumenthal: Thank you, Mr. Chairman.
I join Senator Sullivan in hoping that this issue is
clarified, because I think it is so important to our
national security, and I'd like to work with him in seeking
additional answers.

8 And I recognize that those answers will involve more 9 than just your input and contribution. But, on your 10 contribution, thank you so much for the great work that 11 you've done throughout your career to assure that our 12 submarine force is unmatched in the world in its power, 13 stealth, and strength.

And I want to thank you and your family for your service, and ask you, first of all, whether you can commit to coming back to Connecticut to visit our sub base there as one of your first official visits after you're confirmed, as I expect you to will be.

19 Admiral Richardson: Yes, sir.

20 Senator Blumenthal: Thank you.

21 On the subject of our submarine force, the Ohio 22 replacement program -- you probably know more about it than 23 most anyone else in the Navy and in our Department of 24 Defense. And I believe that you are committed to it, 25 personally and professionally. Is that correct?

Admiral Richardson: Absolutely, Senator. It's our
 number-one modernization priority.

Senator Blumenthal: And in that regard, as the numberone priority of modernization in the United States Navy, the pricetag is likely to be in the range of \$100 billion, which seems staggering and obviously has to be met, even though the Navy has other programs, other modernization efforts, and other shipbuilding projects. Have you given any thought to how that will be possible to do?

Admiral Richardson: Senator, as a -- as you and I have discussed, this is an absolutely critical program for the country, and we are doing everything in the Navy to make sure that we not only get the requirements right and stable, but that we treat our cost targets like any other performance parameter for that program. And we are driving and on a good track to achieve all of those cost targets.

17 Having said that, as you said, it will be a significant investment for the Nation, one that I believe must be done. 18 19 If we absorb that entire cost within the Navy, that will 20 come at a tremendous price, in terms of our other 21 responsibilities in ships and aircraft. I don't, either, 22 want to leverage that on our sister services, and so I look 23 forward to working closely together with the Department and 24 Congress to address this.

25 Senator Blumenthal: Really, it should be seen as a

challenge for our entire national defense, not just the
 Navy, because its ramifications and contributions to our
 defense range well beyond just seapower.

4 Admiral Richardson: Yes, sir, I would agree.

5 Senator Blumenthal: Let me move to another aspect of the Navy's combat capability, the F-35, which, according to 6 the analysis I've seen, will be six times more effective 7 8 than legacy fighters in air-to-air combat, five times more 9 effective in air-to-ground combat, six times more effective 10 in reconnaissance and suppression of air defenses. Again, 11 another investment -- a good word, an appropriate one, I 12 think -- to use in our national defense.

I noted that the FY-2016 budget request from the Navy included 16 fewer F-35 aircraft in the last 3 years of the Future Years Defense Plan than were anticipated just 1 year before. Can you shed some light on that request? And also, I'd appreciate your assurance that the F-35 is still a priority for the Navy.

Admiral Richardson: Senator, the Navy remains committed to the F-35 Lightning as an essential part of our future air wing. It is the aircraft that is designed from the ground up to address, you know, the fifth-generation challenges in information warfare. So, we do remain committed to that.

25 The adjustments in the President's budget request for

FY16, again, just reflect some of the extremely difficult
 choices that we're making to balance the best way to address
 the national security challenges within the resources
 provided.

5 Senator Blumenthal: And the F-35, like the Ohio 6 replacement program, is really essential to all of our 7 national defense. Obviously, the other services share in 8 the costs and the benefits of it. And I'm hoping that the 9 strategy here will be a combined Department of Defense 10 commitment to the investment that's required.

Admiral Richardson: Senator, if confirmed, I lookforward to exploring all those options.

Senator Blumenthal: Thank you. I look forward to seeing you in New London as the Chief of Naval Operations. Thank you very much.

16 Admiral Richardson: Thank you, Senator.

Senator Blumenthal: And again, thank you to your family, as well.

19 Thank you, Mr. Chairman.

20 The Chairman: Senator Sessions.

21 Senator Sessions: Thank you, Mr. Chairman.

And, Admiral, we appreciate the opportunity to have you with us. And I believe you have the background and the dedication and the character to lead the Navy. And this Congress, I believe and am confident, will support you. I

hope that you understand that you have to give us the straight facts, tell us what you believe, and, if there are problems, I'll -- bring them forward to us, and I believe Congress will respond if in any way possible.

5 Will you, as you've committed, I think, in your written 6 answers, but will you give your best judgment to the 7 President of the United States and to Congress on all issues 8 of which you're inquired of?

9 Admiral Richardson: Yes, sir, I will.

10 Senator Sessions: Thank you for that.

I see you've had background as a submarine development squadron and other submarine effort -- other commands. Do you feel that that will assist you as we deal with the Ohioclass development?

15 Admiral Richardson: Yes, sir, I do.

16 Senator Sessions: Give us some of the ideas that you 17 bring to bear on the development of the Ohio-class, which we all know is important and essential, but also we know we've 18 19 got some budget constrictions out there that are going to 20 place that program in jeopardy if we don't watch it. And I 21 think, more than a lot of programs, failure on the beginning 22 to get it right in the procurement process could endanger 23 that program. So, give us your thoughts about what you 24 think needs to be done as we go forward.

25 Admiral Richardson: Yes, sir. I think you've got it

1 exactly right, sir, that you've got to get that -- the 2 requirements set. And the Navy has done that. We are 3 working towards providing a mature design so you've got to have a mature and stable design before you begin production 4 5 so that you're not dealing in managing costly change orders 6 after you've begun production. And then I hope to provide a program -- a build plan that would allow for stable and 7 8 predictable funding. That allows us -- the Navy to work very closely with the shipbuilders to provide a production 9 10 line that results in the lowest cost per unit.

11 Senator Sessions: I think most of us have come to 12 understand how unpredictability and uncertainty and alterations of schedule can drive up cost. And sometimes 13 14 that's Congress, sometimes it's Department of Defense's 15 fault, other times the contractors have to be held to 16 account. But, are you -- will you help us remain committed 17 to maintaining the kind of schedule that keeps cost at the lowest level? 18

Admiral Richardson: Absolutely, sir. And what we've found is that we've got tremendous commitment on the part of our shipbuilders. They are as committed to driving costs down as we are. And there are ample opportunities to deliver high-end warfighting capability at the appropriate price, delivers the capability that's required for the Nation, and provides businesses a chance to thrive, as well.

Senator Sessions: You made reference earlier to the
 triad, our nuclear defense triad -- aircraft, submarines,
 and land-based ICBMs. Do you believe that remains a
 critical part of our defense structure?

5 Admiral Richardson: Yes, sir, I do.

6 Senator Sessions: Some have questioned that. And I 7 guess you're familiar with those concerns. I believe you're 8 correct. I think Congress believes you're correct. But, I 9 hope you will keep us informed on that, because some would 10 suggest otherwise. I think that would be a big mistake at 11 this point in time.

12 You and I had the opportunity to discuss just efficiencies. I serve on the Armed Services Committee and 13 14 the Budget Committee. I feel the tensions there very 15 intensely. It's been said in -- that the Defense Department 16 -- in and around the Defense Department, but each service is 17 committed to maintaining personnel levels. They fear that if their personnel levels drive -- drop, they'll be 18 19 diminished in their influence and power. Tell me, Are you 20 committed to maintaining the defense -- the Navy fleet at 21 the level it needs to be, but, at the same time, maintaining 22 personnel levels, like private businesses have to do, lean 23 and productive?

Admiral Richardson: Senator, absolutely. And so, we must maintain -- what we deliver is capability. And we want

to, particularly as the environment -- the technological environment changes, there will be new opportunities that open up for our people. We want to make sure that we keep our people employed in the very best possible way doing things that people do best. And so, I am committed to making sure that we do that in as lean and agile a fashion as possible.

8 Senator Sessions: And sometimes rules that we pass in 9 Congress make that difficult for you. I hope that you will 10 keep us informed on how we can help you achieve that goal. 11 Thank you, Mr. Chairman.

12 The Chairman: Well, Admiral, we thank you for your 13 testimony this morning, and we thank you for responding with 14 your personal opinion when it's requested. You're taking on 15 a very difficult task in very difficult times, and I'm sure 16 that you are well qualified, and we will attempt to make 17 sure that your nomination is confirmed before we depart for 18 our ill-deserved August recess.

19 This hearing is adjourned.

20 [Whereupon, at 11:00 a.m., the hearing was adjourned.] 21

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