

**En Bloc Amendments to H.R. 5515****Subcommittee on Military Personnel  
En Bloc #6**

<b>Log #</b>	<b>Sponsor</b>	<b>Description</b>
<b>060r2</b>	Larsen	Establishes a pilot program on cryopreservation and storage.
<b>124r1</b>	Hunter	Prohibits revocation of valor awards unless the revocation is based on misconduct associated with the circumstances justifying the award or the awardee is convicted of a felony.
<b>130</b>	Hice	Authorizes the Secretary of Defense to establish a Cyber Institute at each of the senior military colleges.
<b>163</b>	Shea-Porter	Amends 10 U.S.C. 14308(f) to allow a Guard officer's date of rank to be back-dated, after federal recognition is granted; requires the Secretaries of the Army and Air Force to report to Congress when a promotion scroll exceeds 200 days between date received and its date of publication.
<b>164</b>	Shea-Porter	Requires the Secretary of the Army and the Secretary of the Air Force to review their scrolling process and report to Congress to provide timeliness of data and make recommendations for how to improve the existing process.
<b>199</b>	Bacon	Directs the Secretary of Defense to conduct a study to determine the feasibility of consolidating the military resale entities into a single defense resale system; prohibits further DoD actions without direction from Congress.
<b>208</b>	Panetta	Requests DRL on integration of advanced technologies (as per the NDS) into current professional military education programs.

Log 060 r2

**AMENDMENT TO H.R. 5515**  
**OFFERED BY MR. LARSEN OF WASHINGTON**

At the appropriate place in title VII, add the following:

1 **SEC. 7\_\_\_ . PILOT PROGRAM ON CRYOPRESERVATION AND**  
2 **STORAGE.**

3 (a) IN GENERAL.—The Secretary of Defense shall es-  
4 tablish a pilot program to provide not greater than 1,000  
5 members of the Armed Forces on active duty in the Armed  
6 Forces with the opportunity to cryopreserve and store  
7 their gametes prior to deployment to a combat zone.

8 (b) PERIOD OF TIME.—

9 (1) IN GENERAL.—The Secretary shall provide  
10 for the cryopreservation and storage of gametes of  
11 a participating member of the Armed Forces under  
12 subsection (a), at no cost to the member, in a facil-  
13 ity of the Department of Defense or of a private en-  
14 tity pursuant to a contract under subsection (d)  
15 until the date that is one year after the retirement,  
16 separation, or release of the member from the  
17 Armed Forces.

18 (2) CONTINUED CRYOPRESERVATION AND  
19 STORAGE.—At the end of the one-year period speci-

1       fied in paragraph (1), the Secretary shall permit an  
2       individual whose gametes were cryopreserved and  
3       stored in a facility of the Department as described  
4       in that paragraph to select, including pursuant to an  
5       advance medical directive or military testamentary  
6       instrument completed under subsection (c), one of  
7       the following options:

8               (A) To continue such cryopreservation and  
9               storage in such facility with the cost of such  
10              cryopreservation and storage borne by the indi-  
11              vidual.

12             (B) To transfer the gametes to a private  
13             cryopreservation and storage facility selected by  
14             the individual.

15             (3) DISPOSAL OF GAMETES.—If an individual  
16             described in paragraph (2) does not make a selection  
17             under subparagraph (A) or (B) of such paragraph,  
18             the Secretary may dispose of the gametes of the in-  
19             dividual not earlier than the date that is 90 days  
20             after the end of the one-year period specified in  
21             paragraph (1) with respect to the individual.

22             (c) ADVANCE MEDICAL DIRECTIVE AND MILITARY  
23             TESTAMENTARY INSTRUMENT.—A member of the Armed  
24             Forces who elects to cryopreserve and store their gametes  
25             under this section must complete an advance medical di-

1 rective, as defined in section 1044c(b) of title 10, United  
2 States Code, and a military testamentary instrument, as  
3 defined in section 1044d(b) of such title, that explicitly  
4 specifies the use of their cryopreserved and stored gametes  
5 if such member dies or otherwise loses the capacity to con-  
6 sent to the use of their cryopreserved and stored gametes.  
7 (d) AGREEMENTS.—To carry out this section, the  
8 Secretary may enter into agreements with private entities  
9 that provide cryopreservation and storage services for  
10 gametes.



**AMENDMENT TO H.R. 5515** LOG124r1  
**OFFERED BY MR. HUNTER OF CALIFORNIA**

At the appropriate place in title V, insert the following:

1 **SEC. 5** . **LIMITATIONS ON AUTHORITY TO REVOKE CER-**  
2 **TAIN MILITARY DECORATIONS AWARDED TO**  
3 **MEMBERS OF THE ARMED FORCES.**

4 (a) **ARMY.**—

5 (1) **LIMITATIONS.**—Chapter 357 of title 10,  
6 United States Code, is amended by adding at the  
7 end the following new section:

8 **“§ 3757. Military decorations: limitations on revoca-**  
9 **tion**

10 “(a) **LIMITATIONS.**—Except as provided in sub-  
11 section (b), the President or the Secretary of the Army  
12 may not authorize the revocation of a military decoration  
13 after the actual award of the military decoration to a  
14 member of the armed forces under the jurisdiction of the  
15 Secretary.

16 “(b) **EXCEPTIONS.**—(1) Subsection (a) does not  
17 apply to the revocation of a military decoration if the rev-  
18 ocation is ordered on account of —



1 may not authorize the revocation of a military decoration  
2 after the actual award of the military decoration to a  
3 member of the armed forces under the jurisdiction of the  
4 Secretary.

5 “(b) EXCEPTIONS.—(1) Subsection (a) does not  
6 apply to the revocation of a military decoration if the rev-  
7 ocation is ordered on account of —

8 “(A) the acquisition of new or additional infor-  
9 mation that calls into question the service for which  
10 the member was awarded the military decoration; or

11 “(B) the conviction of the member for a felony.

12 “(2) In applying the exception described in paragraph  
13 (1)(B), the President and the Secretary of the Navy shall  
14 take into account, as an extenuating factor, whether the  
15 member has been diagnosed with traumatic brain injury  
16 or post-traumatic stress disorder.

17 “(c) MILITARY DECORATION DEFINED.—In this sec-  
18 tion, the term ‘military decoration’ means the Navy cross,  
19 distinguished-service medal, silver star medal, distin-  
20 guished flying cross, or Navy and Marine Corps Medal.  
21 The term does not include the medal of honor.”.

22 (2) CLERICAL AMENDMENT.—The table of sec-  
23 tions at the beginning of such chapter is amended  
24 by adding at the end the following new item:

“6259. Military decorations: limitations on revocation.”.

25 (c) AIR FORCE.—





1 cross, distinguished-service medal, silver star, distin-  
2 guished flying cross, or Airman's Medal. The term does  
3 not include the medal of honor.”.

4 (2) CLERICAL AMENDMENT.—The table of sec-  
5 tions at the beginning of such chapter is amended  
6 by adding at the end the following new item:

“8757. Military decorations: limitations on revocation.”.



**AMENDMENT TO H.R. 5515**  
**OFFERED BY MR. JODY B. HICE OF GEORGIA**

At the appropriate place in title XVI, insert the following new section:

1 **SEC. 16 \_\_\_\_ . CYBER INSTITUTES AT THE SENIOR MILI-**  
2 **TARY COLLEGES.**

3 (a) PROGRAM AUTHORIZED.—The Secretary of De-  
4 fense may carry out a program to establish a cyber insti-  
5 tute at each of the senior military colleges (referred to in  
6 this Act as an “SMC Cyber Institute”) for purposes of  
7 accelerating and focusing the development of foundational  
8 expertise in critical cyber operational skills for future mili-  
9 tary and civilian leaders of the Armed Forces and Depart-  
10 ment of Defense, including such leaders of the reserve  
11 components.

12 (b) ELEMENTS.—Each SMC Cyber Institute estab-  
13 lished under subsection (a) shall include the following:

14 (1) Programs to provide future military and ci-  
15 vilian leaders of the Armed Forces or the Depart-  
16 ment of Defense who possess cyber operational ex-  
17 pertise from beginning through advanced skill levels  
18 with instruction and practical experiences that lead

1 to recognized certifications and degrees in cyber-re-  
2 lated fields.

3 (2) Programs of targeted strategic foreign lan-  
4 guage proficiency training for such future leaders  
5 that—

6 (A) are designed to significantly enhance  
7 critical cyber operational capabilities; and

8 (B) are tailored to current and anticipated  
9 readiness requirements.

10 (3) Programs related to mathematical founda-  
11 tions of cryptography and courses in cryptographic  
12 theory and practice designed to complement and re-  
13 inforce cyber education along with the strategic for-  
14 eign language programs critical to cyber operations.

15 (4) Programs related to data science and  
16 courses in data science theory and practice designed  
17 to complement and reinforce cyber education along  
18 with the strategic foreign language programs critical  
19 to cyber operations.

20 (5) Programs designed to develop early interest  
21 and cyber talent through summer programs for ele-  
22 mentary and secondary school students and dual en-  
23 rollment opportunities for cyber, strategic foreign  
24 language, data science, and cryptography related  
25 courses.

1           (6) Training and education programs to expand  
2           the pool of qualified instructors necessary to support  
3           cyber education in regional school systems.

4           (c) PARTNERSHIPS WITH DEPARTMENT OF DE-  
5 FENSE AND THE ARMED FORCES.—A SMC Cyber Insti-  
6 tute established under subsection (a) may enter into a  
7 partnership with one or more components of the Armed  
8 Forces (active or reserve) or any agency of the Depart-  
9 ment of Defense to facilitate the development of critical  
10 cyber skills for students who may pursue a career with  
11 the Department of Defense.

12          (d) PARTNERSHIPS WITH OTHER SCHOOLS.—A  
13 SMC Cyber Institute established under subsection (a) may  
14 enter into a partnership with one or more local educational  
15 agencies to carry out the requirements of this section.

16          (e) SENIOR MILITARY COLLEGES DEFINED.—In this  
17 section, the term “senior military colleges” means the sen-  
18 ior military colleges described in section 2111a(f) of title  
19 10, United States Code.



**AMENDMENT TO H.R. 5515**  
**OFFERED BY MS. SHEA-PORTER OF NEW**  
**HAMPSHIRE**

At the appropriate place in title V, insert the following new section:

1 **SEC. \_\_\_\_.** **NATIONAL GUARD PROMOTION ACCOUNT-**  
2 **ABILITY.**

3 (a) **SHORT TITLE.**—This section may be cited as the  
4 “National Guard Promotion Accountability Act”.

5 (b) **DATE OF RANK OF COMMISSIONED NATIONAL**  
6 **GUARD OFFICERS PROMOTED TO A HIGHER GRADE.—**

7 (1) **IN GENERAL.**—Section 14308(f) of title 10,  
8 United States Code, is amended—

9 (A) by inserting “(1)” before “The effec-  
10 tive date”;

11 (B) in paragraph (1), as designated by  
12 subparagraph (A) of this paragraph, by striking  
13 “on which such Federal recognition in that  
14 grade is so extended” and inserting “of the ap-  
15 proval of the promotion of the officer to that  
16 grade by the State concerned”; and

17 (C) by adding at the end the following new  
18 paragraph:

1           “(2)(A) Notwithstanding subsection (c)(1), the date  
2 of rank in a higher grade of an officer whose effective date  
3 of promotion to such grade is governed by paragraph (1)  
4 shall be such effective date of promotion.

5           “(B) The specification of the date of rank of an offi-  
6 cer in a grade pursuant to subparagraph (A) shall be  
7 deemed an adjustment of the date of rank of the officer  
8 to that grade in the manner of section 741(d)(4) of this  
9 title, pursuant to subsection (c)(2), to which section  
10 741(d)(4)(C) of this title shall apply, notwithstanding sub-  
11 section (c)(3).”.

12           (2) EFFECTIVE DATE.—The amendments made  
13 by paragraph (1) shall take effect on the date of the  
14 enactment of this Act, and shall apply with respect  
15 to National Guard officers whose promotion to a  
16 grade is approved by a State after that date.

17           (c) NOTICE TO CONGRESS ON DELAY IN PUBLICA-  
18 TION OF SCROLLS INDICATING PROMOTION OF COMMIS-  
19 SIONED NATIONAL GUARD OFFICERS.—

20           (1) NOTICE REQUIRED.—If at the end of the  
21 200-day period beginning on the receipt by the De-  
22 partment of the Army or the Department of the Air  
23 Force of a scroll indicating the promotion of com-  
24 missioned officers in the Army National Guard or  
25 Air National Guard, as applicable, the scroll has not

1       been published by the military department con-  
2       cerned, the Secretary of the Army or the Secretary  
3       of the Air Force, as the case may be, shall imme-  
4       diately notify the congressional defense committees,  
5       in writing, of the following:

6               (A) The date on which the scroll was so re-  
7               ceived.

8               (B) A description of the processing of the  
9       scroll by the military department concerned as  
10      of the date of the report, including a statement  
11      of the length of time in processing at each stage  
12      in the process through that date.

13              (C) The reason why the scroll was not pub-  
14      lished within 200 days of receipt, and the in-  
15      tended remediation for the delay in publication.

16      (2) DEFINITIONS.—In this subsection:

17              (A) The term “congressional defense com-  
18      mittees” has the meaning given such term in  
19      section 101(a)(16) of title 10, United States  
20      Code.

21              (B) The term “scroll” has the meaning  
22      given that term in Department of Defense In-  
23      struction 1310.02, and any successor instruc-  
24      tion or document.



**Amendment to H.R. 551  
National Defense Authorization Act for Fiscal Year 2019**

**Offered by: Carol Shea-Porter**

In the appropriate place in the report to accompany H.R. 5515, insert the following new Directive Report Language:

**Report on Processes for Federal Recognition of Promotion of  
Commissioned National Guard Officers**

The committee is concerned that delays in federal recognition of National Guard promotions may be increasing and that these lengthy delays result in National Guard officers being deployed and doing the work of the rank to which they are being promoted while receiving the pay of their current rank. The committee notes that such delays deprive National Guard members of the pay to which they are entitled, reduce their time in rank, and may pose retention problems by giving National Guard members an incentive to leave military service.

Therefore the committee directs the Secretary of the Army and the Secretary of the Air Force to each undertake a comprehensive review of the policies and procedures of the Department of the Army and the Department Air Force, as applicable, for the Federal recognition of promotions of commissioned officers of the Army National Guard and the Air National Guard, as the case may be, and to report the results of this review to the congressional defense committees by December 1, 2018. The report shall:

- (1) describe the average time between receipt by the military department concerned of scrolls (as defined in Department of Defense Instruction 1310.02) indicating the promotion of commissioned officers in the National Guard and their publication during the five-year period ending on the date of the House passage of the National Defense Authorization Act for Fiscal Year 2019;
- (2) describe and assess various approaches for streamlining the process by which the military department concerned approves Federal recognition scrolls, including through—
  - (A) additional automation;
  - (B) reduction in required steps; or
  - (C) delegation of authority to conduct required reviews; and
- (3) make recommendations for legislative or administration action to implement an approach under paragraph (2) if the Secretary concerned considers such approach feasible, advisable, and appropriate.



**AMENDMENT TO H.R. 5515**  
**OFFERED BY MR. BACON OF NEBRASKA**

At the appropriate place in title VI, insert the following new section:

1 **SEC. 6** \_\_\_\_ . **STUDY AND REPORT ON DEVELOPMENT OF A**  
2 **SINGLE DEFENSE RESALE SYSTEM.**

3 (a) **STUDY.**—The Secretary of Defense shall conduct  
4 a study to determine the feasibility of consolidating the  
5 military resale entities into a single defense resale system.

6 Such study shall include the following:

7 (1) A financial assessment of consolidation of  
8 the military resale entities.

9 (2) A business case analysis of consolidation of  
10 the military resale entities.

11 (3) Organizational, operational, and business  
12 model integration plans for consolidation of the mili-  
13 tary resale entities.

14 (4) Determinations of which back-office proc-  
15 esses and systems associated with finance and pay-  
16 ment processing technologies the Secretary could  
17 convert to common technologies.

18 (b) **REPORT.**—Not later than January 1, 2019, the  
19 Secretary shall submit a report to the congressional de-

1 fense committees regarding the study under subsection  
2 (a). That report shall contain the following:

3 (1) Details of the internal and external organi-  
4 zational structures of a consolidated defense resale  
5 system.

6 (2) Recommendations of the Secretaries of each  
7 of the military departments regarding the plan to  
8 consolidate the military resale entities.

9 (3) The costs and associated plan for the merg-  
10 er of technologies or implementation of new tech-  
11 nology from a third-party provider to standardize fi-  
12 nancial management and accounting processes of a  
13 consolidated defense resale system.

14 (4) Best practices to maximize reductions in  
15 costs associated with back-office retail payment  
16 processing for a consolidated defense resale system.

17 (5) A timeline for converting the Defense Com-  
18 missary Agency into a non-appropriated fund instru-  
19 mentality under section 2484(j) of title 10, United  
20 States Code.

21 (6) A determination whether the business case  
22 analysis supports consolidation of the military resale  
23 entities.

1           (7) Recommendations of the Secretary for legis-  
2           lation related to consolidation of the military resale  
3           entities.

4           (8) Other elements the Secretary determines  
5           are necessary for a successful evaluation of a con-  
6           solidation of the military resale entities.

7           (c) PROHIBITION ON USE OF FUNDS.—None of the  
8           amounts authorized to be appropriated or otherwise made  
9           available in this Act may be obligated or expended for the  
10          purpose of implementing consolidation of the military re-  
11          sale entities until October 1, 2019.

12          (d) MILITARY RESALE ENTITIES DEFINED.—In this  
13          section the term “military resale entities” means—

- 14                 (1) the Defense Commissary Agency;
- 15                 (2) the Army and Air Force Exchange Service;
- 16                 (3) the Navy Exchange; and
- 17                 (4) the Marine Corps Exchange.



**Amendment to H.R. 551  
National Defense Authorization Act for Fiscal Year 2019**

**Offered by Mr. Panetta of California**

In the appropriate place in the report to accompany H.R. 5515, insert the following new Directive Report Language:

**Incorporating Consideration of Advanced Technologies into Professional Military Education**

The Committee understands that a return to great power competition represents a key security challenge for the United States in the evolving global threat environment. The rapid development of new technologies in fields including anti-access and area denial weapons, cyber-warfare and electronic warfare, information systems, and other asymmetric fields threatens the U.S. military's historical overwhelming advantage in conventional warfare. Furthermore, the Committee is aware that these technologies are increasingly commercial and therefore available to both state and non-state actors.

The Committee notes that, with this threat in mind, the Department of Defense is investing heavily in technology to enable continued American military supremacy in an environment characterized by "rapid technological advancements and the changing character of war," per the National Defense Strategy (NDS). The Committee is also aware that these areas for investment include advanced computing, "big data" analytics, artificial intelligence, autonomy, robotics, directed energy, hypersonics, and biotechnology.

The Committee notes that effective implementation of the NDS require not just research, development and fielding of these advanced technologies, but also the integration of these technologies into tactical, operational and strategic thought, planning, and training. The Committee is also aware that experimentation and exploration of these technologies is currently occurring in proof of concept programs, exercises, and in operational deployments.

The Committee believes, however, that fully integrating advanced technologies into military strategy, operations, and tactics requires a comprehensive approach to considering the impact of these technologies at all levels of decision-making. The Committee is aware of the key role professional military education (PME) programs play in educating military leadership and providing them the conceptual framework for decision-making. The Committee commends the efforts of the Department of Defense to align functions to support the goals of the NDS and look for ways to

improve lethality. However, it is unclear how decision making under this new strategy is being included in PME education materials.

The Committee therefore directs the Secretary of Defense to brief the House Committee on Armed Services on potential ways in which the Department of Defense can appropriately integrate consideration of next generation technologies into professional military education programs for military officers and enlisted personnel. This brief should include consideration of the appropriate PME schools, institutions or levels; address the feasibility of expanding civilian enrollment at PME institutions in order to expose military leaders to relevant commercial technology leaders; determine the extent to which these technological developments may require changes to existing warfighting doctrine or operational plans; and identify any relevant opportunities for improvement to the service-level or joint PME programs, as well as any other topics the Secretary deems appropriate, and should be delivered to the Committee by December 1, 2018.