

En Bloc Amendments to H.R. 2810**Committee on Armed Services
Full Committee En Bloc #7**

Log #	Sponsor	Description
024r1	Lamborn	Increases funding for the Satellite Control Network by \$2.5M
142r1	Bishop	Provides \$10 million for the Metals Affordability Initiative by shifting \$10 million from Air Force Servicewide Communications
169r1	Hanabusa	Would halt implementation of 2014 DoD per diem policy, direct DOD to issue a report on options to reduce travel costs, and require notifications of any subsequent changes to the DOD per diem policies following the report
178r2	Hunter	Development of improved manufacturing technology for separation, extraction, smelter, sintering, leaching, processing, beneficiation, or production of specialty metals such as lanthanide elements, yttrium or scandium
193r2	Norcross	This amendment would limit a portion of FY18 funding for the Joint Space Operations Center Mission System program until the Air Force develops and implements a plan to operationalize existing commercial space situational awareness (SSA) capabilities.
202r4	Moulton	Directs SecDef to establish a Military Family Service Corps which will make the volunteer service military dependents provide to the military community eligible for the Segal AmeriCorps Education Award.
221r1	Hanabusa	Amends section 1675 to urge the SECDEF to protect the test and training operations on the Pacific Missile Range Facility
245r1	Smith	Requires comprehensive strategies and plans to counter Russian aggression, enhance military deterrence, train allies and partners, and reduce the risk of miscalculation and accidental nuclear war.
315r1	Lamborn	Clarifies that the Foreign Commercial Satellite Services prohibition also applies to manufacturers as well as launches.
336r1	Hanabusa	Would direct DOD to brief HASC on Botulinum Toxin Type A Countermeasures
342r1	Gabbard	Amends Section 1041 to retain the requirement for a quarterly progress report of the Syria Train and Equip Program authorized under section 1209(d) of the FY15 NDAA
346	Smith	Amends subsection (a)(1) of Sec. 1615 related to space launch investment
085r2	Smith	Sense of Congress and report on the need to expand commercial access to Geospatial Intelligence data for the purposes of Research and Technology development
075r3	O'Rourke	Requires a single public report on civilian casualties caused by US strikes both in and out of areas of active hostilities.

024r1

AMENDMENT TO H.R. 2810

OFFERED BY MR. LAMBORN OF COLORADO

In section 4201 of division D, relating to research, development, test and evaluation, Air Force, line 303, increase the amount for by \$2,500,000.

In section 4301 of division D, relating to operations and maintenance, Defense-wide, reduce the amount for Defense Media Activity, Line 180, by \$2,500,000.

Revised 142
142r1

AMENDMENT TO H.R. 2810
OFFERED BY MR. BISHOP OF UTAH

In section 4201 of division D, relating to research, development, test, and evaluation, Air Force, increase the amount for advanced materials for weapon systems, Line 210, by \$10,000,000 (to be used for metals affordability research).

In section 4301 of division D, relating to operation and maintenance, Air Force, reduce the amount for Servicewide Communications, Line 480, by \$10,000,000.



AMENDMENT TO H.R. 2810
OFFERED BY MS. HANABUSA OF HAWAII

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

1 **SEC. 6** ____. **PER DIEM ALLOWANCE POLICIES.**

2 (a) **POLICY AND REGULATIONS.**—

3 (1) **EXISTING POLICY AND REGULATIONS.**—The
4 Secretary of each military department may not im-
5 plement the policy in the memorandum dated Octo-
6 ber 1, 2014, titled “UTD/CTS for MAP 118-13/
7 CAP 118-13 – Flat Rate Per Diem for Long Term
8 TDY”, regarding per diem allowances, or any regu-
9 lations prescribed pursuant to such memorandum,
10 on or after the date of the enactment of this Act.

11 (2) **FUTURE POLICY AND REGULATIONS.**—(A)
12 The Secretary of each military department con-
13 cerned may not implement a new policy regarding
14 per diem allowances under section 474 of title 37,
15 United States Code, until after the Secretary of De-
16 fense issues the report under subsection (b).

17 (B) The Secretary of the military department
18 concerned shall notify the appropriate congressional
19 committees not less than 30 days before imple-

1 menting a new policy regarding per diem allowances
2 under section 474 of title 37, United States Code.

3 (b) REPORT.—Not later than 180 days after the date
4 of the enactment of this Act, the Secretary of Defense
5 shall issue a report to the appropriate congressional com-
6 mittees regarding options to reduce travel costs incurred
7 by the Department of Defense, including the adoption of
8 practices used by private entities.

9 (c) APPROPRIATE CONGRESSIONAL COMMITTEES.—
10 In this section, the term “appropriate congressional com-
11 mittees” means the congressional defense committees, the
12 Committee on Homeland Security and Governmental Af-
13 fairs of the Senate, and the Committee on Oversight and
14 Government Reform of the House of Representatives.



178r2

AMENDMENT TO H.R. 2810
OFFERED BY MR. HUNTER OF CALIFORNIA

In section 4201 of division D, relating to research, development, test, and evaluation, Army, line 230, increase the amounts by \$5 million for the development of improved manufacturing technology for separation, extraction, smelter, sintering, leaching, processing, beneficiation, or production of specialty metals such as lanthanide elements, yttrium or scandium.

In section 4101 of division D, relating to missile procurement, Army, line 6, reduce the amounts for the Joint Air-to-Ground Missile by \$5 million.



Log 19302

AMENDMENT TO H.R. 2810
OFFERED BY MR. NORCROSS OF NEW JERSEY

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

1 **SEC. 16___ . LIMITATION ON AVAILABILITY OF FUNDING**
2 **FOR JOINT SPACE OPERATIONS CENTER MIS-**
3 **SION SYSTEM.**

4 (a) **LIMITATION.**—Of the funds authorized to be ap-
5 propriated by this Act or otherwise made available for fis-
6 cal year 2018 for the Joint Space Operations Center mis-
7 sion system, not more than 75 percent may be obligated
8 or expended until the date on which the Secretary of the
9 Air Force certifies to the congressional defense committees
10 that the Secretary has developed the plan under sub-
11 section (b).

12 (b) **PLAN.**—The Secretary shall develop and imple-
13 ment a plan to operationalize existing commercial space
14 situational awareness capabilities to address warfighter re-
15 quirements, consistent with the best-in-breed concept. The
16 Secretary shall commence such implementation by not
17 later than March,30, 2018.



202 r4

**Amendment to H.R. 2810
National Defense Authorization Act for Fiscal Year 2018**

Offered by: Rep. Seth Moulton

In the appropriate place in the report to accompany H.R. 2810, insert the following new Directive Report Language:

Report on the Feasibility of Establishing a Military Family Service Corps

The committee directs the Secretary of Defense to submit a report to the Committees on Armed Services of the Senate and the House of Representatives by February 1, 2018, on the feasibility of the U.S. Department of Defense entering into an agreement with the Corporation for National and Community Service to establish a Military Family Service Corps as an AmeriCorps Affiliate.

Participants in such a Corps would focus on service in a military community in activities selected by the installation commander from a list of options drawn from a survey of need in the military community. Potential activities could include the following: military spouse career support, transition support for members departing military service; integration of new military families into the military community and installation; development and implementation of morale and recreation activities for the installation; service as a liaison with local schools for military children; support for military families with children of special needs, wounded warrior transition support, and any additional activities the Secretary deems appropriate.

AMENDMENT TO H.R. 2810**OFFERED BY MS. HANABUSA OF HAWAII**

Strike paragraph (2) of subsection (a) of section 1675 (Log 65400) and insert the following new paragraph:

1 (2) SENSE OF CONGRESS.—It is the sense of
2 Congress that Congress supports assessing the feasi-
3 bility of improving the missile defense of Hawaii
4 from the evolving ballistic missile threat, including
5 from North Korea, through a permanent missile de-
6 fense sensor capability and the possible introduction
7 of interim missile defense coverage.

Strike subsections (b) through (e) of such section 1675 and insert the following new subsections:

8 (b) SEQUENCED APPROACH.—The Secretary of De-
9 fense shall protect the test and training operations of the
10 Pacific Missile Range Facility, and assess the siting and
11 functionality of a discrimination radar for homeland de-
12 fense throughout the Hawaiian Islands before assessing
13 the feasibility of improving the missile defense of Hawaii
14 by using existing missile defense assets that could materi-
15 ally improve the defense of Hawaii.

1 (c) TEST.—The Director of the Missile Defense
2 Agency shall—

3 (1) not later than 270 days after the date of
4 the enactment of this Act, conduct a test to evaluate
5 and demonstrate, if technologically feasible, the ca-
6 pability to defeat a simple intercontinental ballistic
7 missile threat using the standard missile 3 block IIA
8 missile interceptor; and

9 (2) as part of the integrated master test plan
10 for the ballistic missile defense system, develop a
11 plan to demonstrate a capability to defeat a complex
12 intercontinental ballistic missile threat, including a
13 complex threat posed by the intercontinental ballistic
14 missiles of North Korea.

15 (d) REPORT.—Not later than 120 days after the date
16 of the enactment of this Act, the Secretary of Defense
17 shall submit to the congressional defense committees a re-
18 port—

19 (1) that indicates whether demonstrating an
20 intercontinental ballistic missile defense capability
21 against North Korean ballistic missiles by the stand-
22 ard missile 3 block IIA missile interceptor poses any
23 risks to strategic stability; and

24 (2) if the Secretary determines under para-
25 graph (1) that such demonstration poses such risks

1 to strategic stability, a description of any plan devel-
2 oped and implemented by the Secretary to address
3 and mitigate such risks, as determined appropriate
4 by the Secretary.



AMENDMENT TO H.R. 2810

OFFERED BY MR. SMITH OF WASHINGTON

At the appropriate place in title XII, insert the following new subtitle:

1 **Subtitle** —**Fostering** **Unity**
2 **Against Russian Aggression Act**
3 **of 2017**

4 **SEC. _01. SHORT TITLE.**

5 This subtitle may be cited as the “Fostering Unity
6 Against Russian Aggression Act of 2017”.

7 **SEC. _02. FINDINGS AND SENSE OF CONGRESS.**

8 (a) **FINDINGS.**—Congress finds the following:

9 (1) General Curtis M. Scaparrotti, Commander
10 of the United States European Command, testified
11 before the House Armed Services Committee on
12 March 27, 2017, that “Today we face the most dy-
13 namic European security environment in history.”
14 and that “Russia’s malign actions are supported by
15 its diplomatic, information, economic, and military
16 initiatives.”.

17 (2) The Russian Federation has shifted to a
18 military doctrine that envisions using nuclear weap-
19 ons in an attempt to end a failing regional conven-

1 tional conflict. On June 25, 2015, Deputy Secretary
2 of Defense Robert Work and then-Vice-Chairman of
3 the Joint Chiefs of Staff Admiral James Winnefeld
4 testified before the House Armed Services Com-
5 mittee that “Russian military doctrine includes what
6 some have called an ‘escalate to de-escalate’ strat-
7 egy—a strategy that purportedly seeks to deescalate
8 a conventional conflict through coercive threats, in-
9 cluding limited nuclear use. We think that this label
10 is dangerously misleading. Anyone who thinks they
11 can control escalation through the use of nuclear
12 weapons is literally playing with fire. Escalation is
13 escalation, and nuclear use would be the ultimate es-
14 calation.”.

15 (3) General Scaparrotti noted in his March 27,
16 2017, testimony before the House Armed Services
17 Committee that “Moscow’s provocative rhetoric and
18 nuclear threats increase the likelihood of misunder-
19 standing and miscalculation.”.

20 (4) The Russian Federation continues to con-
21 duct ongoing influence campaigns aimed at under-
22 mining democracies around the world. According to
23 an assessment by the intelligence community, “Rus-
24 sian President Vladimir Putin ordered an influence
25 campaign in 2016 aimed at the U.S. presidential

1 election”, which included the use of the Russian
2 military intelligence organization. The intelligence
3 community also assessed that Russia would apply
4 lessons learned to future influence efforts worldwide,
5 including against United States allies and their elec-
6 tion systems.

7 (5) The Russian Federation continues its ag-
8 gression on its periphery. In 2008, the Russian Fed-
9 eration fomented conflict in Georgia. Further, the
10 Russian Federation is directing combined Russian-
11 Separatist units in eastern Ukraine, actively inciting
12 violence and prolonging the most significant conflict
13 in Europe.

14 (6) The investment of over \$5 billion in the Eu-
15 ropean Reassurance Initiative (ERI), now the Euro-
16 pean Deterrence Initiative (EDI), has proven suc-
17 cessful in significantly enhancing the ability of
18 United States forces, NATO allies, and regional
19 partners to deter Russian aggression. EDI has not
20 only assured our European allies and partners but
21 supported essential investments in NATO’s military
22 capacity, interoperability, and agility.

23 (b) SENSE OF CONGRESS.—It is the sense of Con-
24 gress that—

1 (1) the risks of miscalculation in a crisis are ex-
2 acerbated by the Russian Federation's shift to a
3 military doctrine of "escalate to de-escalate", low-
4 ering the threshold for Russian use of nuclear weap-
5 ons and thereby increasing the risk of using nuclear
6 weapons, potentially escalating in to a massive nu-
7 clear exchange;

8 (2) subversive and destabilizing activities by the
9 Russian Federation targeting NATO allies and part-
10 ners causes concern and should be condemned;

11 (3) European Deterrence Initiative (EDI) in-
12 vestments are long-term and, as such, Congress ex-
13 pects future budgets to reflect United States com-
14 mitment by planning for funding in the base budget,
15 and further EDI should build on United States pres-
16 ence by increasing the United States permanent
17 force posture; and

18 (4) credible deterrence requires steadfast co-
19 operation and joint action with NATO allies and
20 partners and other United States allies and partners
21 in Europe.

22 **SEC. __03. STRATEGY TO COUNTER THREATS BY THE RUS-**
23 **SIAN FEDERATION.**

24 (a) **STRATEGY REQUIRED.**—The Secretary of De-
25 fense, in coordination with the Secretary of State and in

1 consultation with each of the Secretaries of the military
2 departments, the Joint Chiefs of Staff, and the com-
3 manders of each of the regional and functional combatant
4 commands, shall develop and implement a comprehensive
5 strategy to counter threats by the Russian Federation.

6 (b) REPORT REQUIRED.—

7 (1) IN GENERAL.—Not later than 180 days
8 after the date of the enactment of this Act, the Sec-
9 retary of Defense shall submit to the appropriate
10 congressional committees a report on the strategy
11 required by subsection (a).

12 (2) ELEMENTS.—The report required by this
13 subsection shall include the following elements:

14 (A) An evaluation of strategic objectives
15 and motivations of the Russian Federation.

16 (B) A detailed description of Russian
17 threats to the national security of the United
18 States, including threats that may pose chal-
19 lenges below the threshold of armed conflict.

20 (C) A discussion of how the strategy com-
21 plements the National Defense Strategy and
22 the National Military Strategy.

23 (D) A discussion of the ends, ways, and
24 means inherent to the strategy.

1 (E) A discussion of the strategy's objec-
2 tives with respect to deterrence, escalation con-
3 trol, and conflict resolution.

4 (F) A description of the military activities
5 across geographic regions and military func-
6 tions and domains that are inherent to the
7 strategy.

8 (G) A description of the posture, forward
9 presence, and readiness requirements inherent
10 to the strategy.

11 (H) A description of the roles of the
12 United States Armed Forces in implementing
13 the strategy, including—

14 (i) the role of United States nuclear
15 capabilities;

16 (ii) the role of United States space ca-
17 pabilities;

18 (iii) the role of United States cyber
19 capabilities;

20 (iv) the role of United States conven-
21 tional ground forces;

22 (v) the role of United States naval
23 forces;

24 (vi) the role of United States air
25 forces; and

1 (vii) the role of United States special
2 operations forces.

3 (I) An assessment of the force require-
4 ments needed to implement and sustain the
5 strategy.

6 (J) A description of the logistical require-
7 ments needed to implement and sustain the
8 strategy.

9 (K) An assessment of the technological re-
10 search and development requirements needed to
11 implement and sustain the strategy.

12 (L) An assessment of the training and ex-
13 ercise requirements needed to implement and
14 sustain the strategy.

15 (M) An assessment of the budgetary re-
16 source requirements needed to implement and
17 sustain the strategy through December 31,
18 2030.

19 (N) A discussion of how the strategy pro-
20 vides a framework for future planning and in-
21 vestments in regional defense initiatives, includ-
22 ing the European Deterrence Initiative.

23 (3) FORM.—The report required by this sub-
24 section shall be submitted in unclassified form but
25 may contain a classified annex.

1 **SEC. 4. STRATEGY TO INCREASE CONVENTIONAL PRECI-**
2 **SION STRIKE WEAPON STOCKPILES IN THE**
3 **UNITED STATES EUROPEAN COMMAND'S**
4 **AREAS OF RESPONSIBILITY.**

5 (a) STRATEGY REQUIRED.—

6 (1) IN GENERAL.—The Secretary of Defense, in
7 coordination with the Secretary of State, shall de-
8 velop and implement a strategy to increase conven-
9 tional precision strike weapon stockpiles in the
10 United States European Command's areas of re-
11 sponsibility.

12 (2) ELEMENTS.—The strategy required by this
13 subsection shall include necessary increases in the
14 quantities of such stockpiles that the Secretary de-
15 termines will enhance deterrence and warfighting ca-
16 pability of the North Atlantic Treaty Organization
17 forces.

18 (b) REPORT REQUIRED.—

19 (1) IN GENERAL.—Not later than April 1,
20 2018, the Secretary of Defense shall submit to the
21 appropriate congressional committees a report on
22 the strategy required by subsection (a).

23 (2) FORM.—The report required by this sub-
24 section shall be submitted in unclassified form but
25 may contain a classified annex.

1 **SEC. 5. PLAN TO COUNTER THE MILITARY CAPABILITIES**
2 **OF THE RUSSIAN FEDERATION.**

3 (a) PLAN REQUIRED.—

4 (1) IN GENERAL.—The Secretary of Defense
5 shall develop and implement a plan to counter the
6 military capabilities of the Russian Federation.

7 (2) ELEMENTS.—The plan required by this
8 subsection shall include the following:

9 (A) Accelerating programs to improve the
10 capability of United States military forces to
11 operate in a Global Positioning System (GPS)-
12 denied or GPS-degraded environment.

13 (B) Accelerating programs of the Depart-
14 ment of the Army to counter Russian un-
15 manned aircraft systems, electronic warfare,
16 and long-range precision strike capabilities.

17 (C) Countering unconventional capabilities
18 and hybrid threats from the Russian Federa-
19 tion.

20 (D) Any other elements that the Secretary
21 determines to be appropriate.

22 (b) REPORT REQUIRED.—

23 (1) IN GENERAL.—Not later than April 1,
24 2018, the Secretary of Defense shall submit to the
25 appropriate congressional committees a report on
26 the plan required by subsection (a).

1 (2) FORM.—The report required by this sub-
2 section shall be submitted in unclassified form but
3 may contain a classified annex.

4 (c) SENSE OF CONGRESS.—It is the sense of Con-
5 gress that concerns persist over the growing sophistication
6 of unconventional and hybrid state-sponsored threats by
7 the Russian Federation as demonstrated through its ad-
8 vancement and integration of conventional warfare, eco-
9 nomic warfare, cyber and information operations, intel-
10 ligence operations, and other activities to undermine
11 United States national security objectives.

12 **SEC. __06. PLAN TO INCREASE CYBER AND INFORMATION**
13 **OPERATIONS, DETERRENCE, AND DEFENSE.**

14 (a) PLAN.—The Secretary of Defense and the Sec-
15 retary of State shall jointly develop a plan to—

16 (1) increase inclusion of regional cyber planning
17 within larger United States joint planning exercises
18 in the European region;

19 (2) enhance joint, regional, and combined infor-
20 mation operations and strategic communication
21 strategies to counter Russian Federation informa-
22 tion warfare, malign influence, and propaganda ac-
23 tivities; and

24 (3) identify potential areas of cybersecurity col-
25 laboration and partnership capabilities with NATO

1 and other European allies and partners of the
2 United States.

3 (b) BRIEFING.—Not later than 180 days after the
4 date of the enactment of this Act, the Secretary of Defense
5 shall provide to the appropriate congressional committees
6 a briefing on the plan required under subsection (a).

7 **SEC. __07. SENSE OF CONGRESS ON ENHANCING MARITIME**
8 **CAPABILITIES.**

9 Congress notes the 2016 Force Structure Assessment
10 (FSA) that increased the requirement for fast attack sub-
11 marine (SSN) from 48 to 66 and supports an acquisition
12 plan that enhances maritime capabilities that address this
13 requirement.

14 **SEC. __08. PLAN TO REDUCE THE RISKS OF MISCALCULA-**
15 **TION AND UNINTENDED CONSEQUENCES**
16 **THAT COULD PRECIPITATE A NUCLEAR WAR.**

17 (a) FINDINGS.—Congress finds that—

18 (1) the Russian Federation has adopted a dan-
19 gerous nuclear doctrine that includes a strategy of
20 “escalate to de-escalate”, which could lower the
21 threshold for Russian use of nuclear weapons in a
22 regional conflict; and

23 (2) such nuclear doctrine exacerbates the risks
24 of miscalculation and unintended consequences that
25 could precipitate a nuclear war.

1 (b) PLAN REQUIRED.—

2 (1) IN GENERAL.—Not later than March 1,
3 2018, the Secretary of Defense, in coordination with
4 the Chairman of the Joint Chief of Staff, the Com-
5 mander of the United States Strategic Command,
6 and the Commander of the United States European
7 Command, shall submit to the congressional defense
8 committees a plan that includes options to reduce
9 the risk of miscalculation and unintended con-
10 sequences that could precipitate a nuclear war.

11 (2) ELEMENTS.—The plan required under this
12 subsection shall include—

13 (A) an assessment of the value of military-
14 to-military dialog to reduce such risk; and

15 (B) any other recommendations the Sec-
16 retary determines to be appropriate.

17 **SEC. 09. DEFINITIONS.**

18 In this subtitle:

19 (1) APPROPRIATE CONGRESSIONAL COMMIT-
20 TEES.—The term “appropriate congressional com-
21 mittees” means—

22 (A) the congressional defense committees;
23 and

1 (B) the Committee on Foreign Relations of
2 the Senate and the Committee on Foreign Af-
3 fairs of the House of Representatives.

4 (2) NATO.—The term “NATO” means the
5 North Atlantic Treaty Organization.



315r1

AMENDMENT TO H.R. 2810
OFFERED BY MR. LAMBORN OF COLORADO

Strike subsection (b) of section 2279 of title 10, United States Code, as proposed to be added by section 1612(b)(1)(B) (Log 65585), and insert the following new subsection:

- 1 “(b) LAUNCHES AND MANUFACTURERS.—
- 2 “(1) LIMITATION.—In addition to the prohibi-
- 3 tion in subsection (a), and except as provided in sub-
- 4 section (c), the Secretary may not enter into a con-
- 5 tract for satellite services with any entity if the Sec-
- 6 retary reasonably believes that such satellite services
- 7 will be provided using satellites that will be—
- 8 “(A) designed or manufactured in a cov-
- 9 ered foreign country, or by an entity controlled
- 10 in whole or in part by, or acting on behalf of,
- 11 the government of a covered foreign country; or
- 12 “(B) launched using a launch vehicle that
- 13 is designed or manufactured in a covered for-
- 14 eign country, or that is provided by the govern-
- 15 ment of a covered foreign country or by an enti-
- 16 ty controlled in whole or in part by, or acting
- 17 on behalf of, the government of a covered for-

1 eign country, regardless of the location of the
2 launch (unless such location is in the United
3 States).

4 “(2) UNITED STATES LAUNCHES.—The limita-
5 tion in paragraph (1) shall not—

6 “(A) apply to launches in the United
7 States using launch vehicles with engines de-
8 signed or manufactured in or provided by any
9 entity of the Russian Federation; or

10 “(B) affect any other provision of law au-
11 thorizing the use of Russian rocket engines
12 within a United States launch vehicle.

13 “(3) LAUNCH VEHICLE DEFINED.—In this sub-
14 section, the term ‘launch vehicle’ means a fully inte-
15 grated space launch vehicle.”.



336r1

**Amendment to H.R. 2810
National Defense Authorization Act for Fiscal Year 2018**

Offered by Ms. Hanabusa of Hawaii

In the appropriate place in the report to accompany H.R. 2810, insert the following new Directive Report Language:

Botulinum Toxin Type A Countermeasures

The committee notes that the Department of Defense is managing efforts to develop a vaccine to counter botulinum toxin types A and B. There is evidence and discussion in the scientific community stating that the use of the botulinum neurotoxin (BoNT) type A vaccine, which the department is pursuing, can limit future medical treatments for military personnel in that it would prevent immunized warfighters and veterans from receiving the benefit of the rapidly growing number of important medical uses of botulinum toxin type A. Several of these medical uses are critically important to the military veteran population, including treatments for PTSD-associated migraine and amputation pain. Furthermore, the committee notes that advances in synthetic biology enhance both the potential threat and potential treatments of biological agents.

Therefore, the committee directs Secretary of Defense to brief the House Committee on Armed Services within 90 days of enactment of this act on the Department of Defense's research and development plans to counter botulinum toxin type A, the impact and/or potential drawbacks in using the BoNT/A vaccine, and the potential future benefits and complications introduced through the advances of synthetic biology for the treatment and threat of biological agents.

AMENDMENT TO H.R. 2810
OFFERED BY MS. GABBARD OF HAWAII

In section 1041(v), strike paragraph (5) and redesignate the subsequent paragraphs accordingly.

In section 1041, redesignate subsection (x) as subsection (y) and insert after subsection (w) the following new subsection (x):

1 (x) PRESERVATION OF VETTED SYRIAN OPPOSITION
2 REPORT.—Effective as of December 23, 2016, and as if
3 included therein as enacted, section 1061(d) of the Na-
4 tional Defense Authorization Act for Fiscal Year 2017
5 (Public Law 114–328) is amended by adding at the end
6 the following new paragraph:

7 “(18) Section 1209(d) (127 Stat. 3542).”.



AMENDMENT TO H.R. 2810

OFFERED BY MR. SMITH OF WASHINGTON

In subsection (a)(1) of section 1615 (Log 65205)—

(1) in subparagraph (D), strike “; or” and insert a semicolon;

(2) in subparagraph (E), strike the period and insert “; or”; and

(3) add at the end the following new subparagraph:

- 1 (F) develop, design, and integrate parts for
2 new launch vehicle systems to the extent such
3 parts are developed primarily for national secu-
4 rity use.

In section 4201 of division D, relating to research, development, test, and evaluation, Air Force, EELV Program (Space)—EMD, Line 123, strike the lines relating to—

- (1) EELV Modernization; and
(2) Launch Service Agreement.



85r2

AMENDMENT TO H.R. 2810
OFFERED BY MR. SMITH OF WASHINGTON

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

1 **SEC. 16** ____ . **REPORT ON GEOSPATIAL COMMERCIAL ACTIVITIES FOR BASIC AND APPLIED RESEARCH AND DEVELOPMENT.**

2
3
4 (a) **SENSE OF CONGRESS.**—It is the sense of Congress that—

5
6 (1) rapid technology change and a significant
7 increase in data collection by the intelligence community has outpaced the ability of the intelligence community to exploit vast quantities of intelligence
8 data;
9

10
11 (2) the data collection capabilities of the intelligence community and the Department of Defense
12 have outpaced to exploit vast quantities of data;
13

14 (3) furthermore, international competitors may
15 be catching up, and in some cases leading, in key
16 technology areas;

17 (4) many U.S. companies have talent and technological capability that the Federal Government
18 could harness; and
19

1 (5) these companies would be able to more ef-
2 fectively develop automation, artificial intelligence,
3 and associated algorithms if given access to data of
4 the National Geospatial-Intelligence Agency, con-
5 sistent with the protection of sources and methods.

6 (b) REPORT.—Not later than 30 days after the date
7 of the enactment of this Act, the Director of the National
8 Geospatial-Intelligence Agency shall submit to the appro-
9 priate congressional committees a report on the authori-
10 ties necessary to conduct commercial activities relating to
11 geospatial intelligence that the Director determines nec-
12 essary to engage in basic research, applied research, data
13 transfers, and development projects, with respect to auto-
14 mation, artificial intelligence, and associated algorithms,
15 including how the Director would use such authorities,
16 consistent with applicable laws and procedures relating to
17 the protection of sources and methods.

18 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
19 FINED.—In this section, the term “appropriate congress-
20 sional committees” means—

21 (1) the Committees on Armed Services of the
22 House of Representatives and the Senate; and

- 1 (2) the Permanent Select Committee on Intel-
- 2 ligence of the House of Representatives and the Se-
- 3 lect Committee on Intelligence of the Senate.



Log 075c3

AMENDMENT TO H.R. 2810
OFFERED BY MR. O'ROURKE OF TEXAS

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

1 **SEC. 10 ____ . REPORT ON CIVILIAN CASUALTIES FROM DE-**
2 **PARTMENT OF DEFENSE STRIKES.**

3 (a) **REPORT REQUIRED.**—For each calendar year,
4 the Secretary of Defense shall submit to the congressional
5 defense committees a report on strikes carried out by the
6 Department of Defense against terrorist targets located
7 outside Government-designated areas of active hostilities
8 and against enemy combatants located inside Government-
9 designated areas of active hostilities during the period be-
10 ginning on January 1 and ending on December 31 of the
11 year covered by the report. Such report shall include each
12 of the following, for the period covered by the report:

- 13 (1) The number of such strikes carried out in—
14 (A) locations outside Government-des-
15 igned areas of active hostilities; and
16 (B) locations inside Government-des-
17 igned areas of active hostilities.

1 (2) An assessment of the combatant and non-
2 combatant deaths resulting from those strikes, in-
3 cluding the number of such deaths—

4 (A) occurring outside of Government-des-
5 igned areas of active hostilities; and

6 (B) occurring within Government-des-
7 igned areas of active hostilities, with the num-
8 ber of such deaths displayed to indicate the
9 Government-designated country or location
10 within the Government-designated country
11 where such deaths occurred.

12 (3) To the extent feasible and appropriate, the
13 general reasons for any discrepancies between post-
14 strike assessments from the Department of Defense
15 and credible reporting from nongovernmental organi-
16 zations regarding non-combatant deaths resulting
17 from such strikes.

18 (4) A description of steps taken by the Depart-
19 ment of Defense to mitigate harm to civilians in con-
20 ducting such strikes.

21 (5) Definitions of the terms “combatant” and
22 “noncombatant” as used in the report.

23 (6) The monthly tabulations collected by the
24 Department of Defense of combatant and non-com-
25 batant casualties occurring inside of areas of active

1 hostilities, and any revisions to previously reported
2 tabulations.

3 (7) A specification of the countries, or locations
4 within countries *where strikes occur*

5 (A) designated as areas of active hos-
6 tilities; and

7 (B) not designated as areas of active hos-
8 tilities.

9 (b) DEADLINE FOR REPORTS.—The reports required
10 by subsection (a) shall be submitted as follows:

11 (1) The report for 2018 shall be submitted not
12 later than December 31, 2018.

13 (2) The report for 2019, and for each subse-
14 quent year, shall be submitted by not later than
15 March 1 of the year following the year covered by
16 the report.

17 (c) REVIEW OF REPORTING.—In preparing a report
18 under this section, the Secretary of Defense shall review
19 relevant and credible post-strike all-source reporting, in-
20 cluding such information from nongovernmental sources.

21 (d) FORM OF REPORT.—The reports required under
22 subsection (a) shall be submitted in unclassified form, but
23 may include a classified annex.

1 (e) PUBLIC AVAILABILITY.—The Secretary of De-
2 fense shall make the unclassified form of the reports pub-
3 licly available.

