<table>
<thead>
<tr>
<th>Log #</th>
<th>Sponsor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>024r1</td>
<td>Lamborn</td>
<td>Increases funding for the Satellite Control Network by $2.5M</td>
</tr>
<tr>
<td>142r1</td>
<td>Bishop</td>
<td>Provides $10 million for the Metals Affordability Initiative by shifting $10 million from Air Force Servicewide Communications</td>
</tr>
<tr>
<td>169r1</td>
<td>Hanabusa</td>
<td>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</td>
</tr>
<tr>
<td>178r2</td>
<td>Hunter</td>
<td>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</td>
</tr>
<tr>
<td>193r2</td>
<td>Norcross</td>
<td>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.</td>
</tr>
<tr>
<td>202r4</td>
<td>Moulton</td>
<td>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.</td>
</tr>
<tr>
<td>221r1</td>
<td>Hanabusa</td>
<td>Amends section 1675 to urge the SECDEF to protect the test and training operations on the Pacific Missile Range Facility</td>
</tr>
<tr>
<td>245r1</td>
<td>Smith</td>
<td>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.</td>
</tr>
<tr>
<td>315r1</td>
<td>Lamborn</td>
<td>Clarifies that the Foreign Commercial Satellite Services prohibition also applies to manufacturers as well as launches.</td>
</tr>
<tr>
<td>336r1</td>
<td>Hanabusa</td>
<td>Would direct DOD to brief HASC on Botulinum Toxin Type A Countermeasures</td>
</tr>
<tr>
<td>342r1</td>
<td>Gabbard</td>
<td>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</td>
</tr>
<tr>
<td>346</td>
<td>Smith</td>
<td>Amends subsection (a)(1) of Sec. 1615 related to space launch investment</td>
</tr>
<tr>
<td>085r2</td>
<td>Smith</td>
<td>Sense of Congress and report on the need to expand commercial access to Geospatial Intelligence data for the purposes of Research and Technology development</td>
</tr>
<tr>
<td>075r3</td>
<td>O'Rourke</td>
<td>Requires a single public report on civilian casualties caused by US strikes both in and out of areas of active hostilities.</td>
</tr>
</tbody>
</table>
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.
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 HAWAI'I

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 Secretary of each military department may not implement the policy in the memorandum dated October 1, 2014, titled "UTD/CTS for MAP 118-13/ CAP 118-13 - Flat Rate Per Diem for Long Term TDY", regarding per diem allowances, or any regulations prescribed pursuant to such memorandum, on or after the date of the enactment of this Act.
4 (2) FUTURE POLICY AND REGULATIONS.—(A) The Secretary of each military department concerned may not implement a new policy regarding per diem allowances under section 474 of title 37, United States Code, until after the Secretary of Defense issues the report under subsection (b).
5 (B) The Secretary of the military department concerned shall notify the appropriate congressional committees not less than 30 days before imple-
menting a new policy regarding per diem allowances
under section 474 of title 37, United States Code.

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

(c) APPROPRIATE CONGRESSIONAL COMMITTEES.—
In this section, the term "appropriate congressional com-
mittees" means the congressional defense committees, the
Committee on Homeland Security and Governmental Af-
fairs of the Senate, and the Committee on Oversight and
Government Reform of the House of Representatives.
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.
AMENDMENT TO H.R. 2810
OFFERED BY MR. NORCROSS OF NEW JERSEY

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

SEC. 16. LIMITATION ON AVAILABILITY OF FUNDING FOR JOINT SPACE OPERATIONS CENTER MISSION SYSTEM.

(a) LIMITATION.—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2018 for the Joint Space Operations Center mission system, not more than 75 percent may be obligated or expended until the date on which the Secretary of the Air Force certifies to the congressional defense committees that the Secretary has developed the plan under subsection (b).

(b) PLAN.—The Secretary shall develop and implement a plan to operationalize existing commercial space situational awareness capabilities to address warfighter requirements, consistent with the best-in-breed concept. The Secretary shall commence such implementation by not later than March 30, 2018.
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:

(2) SENSE OF CONGRESS.—It is the sense of Congress that Congress supports assessing the feasibility of improving the missile defense of Hawaii from the evolving ballistic missile threat, including from North Korea, through a permanent missile defense sensor capability and the possible introduction of interim missile defense coverage.

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

(b) SEQUENCED APPROACH.—The Secretary of Defense shall protect the test and training operations of the Pacific Missile Range Facility, and assess the siting and functionality of a discrimination radar for homeland defense throughout the Hawaiian Islands before assessing the feasibility of improving the missile defense of Hawaii by using existing missile defense assets that could materially improve the defense of Hawaii.
(c) Test.—The Director of the Missile Defense Agency shall—

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

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

(d) Report.—Not later than 120 days after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees a report—

(1) that indicates whether demonstrating an intercontinental ballistic missile defense capability against North Korean ballistic missiles by the standard missile 3 block IIA missile interceptor poses any risks to strategic stability; and

(2) if the Secretary determines under paragraph (1) that such demonstration poses such risks
to strategic stability, a description of any plan developed and implemented by the Secretary to address and mitigate such risks, as determined appropriate 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:

Subtitle —Fostering Unity Against Russian Aggression Act of 2017

SEC. 01. SHORT TITLE.

This subtitle may be cited as the "Fostering Unity Against Russian Aggression Act of 2017".

SEC. 02. FINDINGS AND SENSE OF CONGRESS.

(a) FINDINGS.—Congress finds the following:

(1) General Curtis M. Scaparrotti, Commander of the United States European Command, testified before the House Armed Services Committee on March 27, 2017, that "Today we face the most dynamic European security environment in history." and that "Russia’s malign actions are supported by its diplomatic, information, economic, and military initiatives."

(2) The Russian Federation has shifted to a military doctrine that envisions using nuclear weapons in an attempt to end a failing regional conven-
tional conflict. On June 25, 2015, Deputy Secretary of Defense Robert Work and then-Vice-Chairman of the Joint Chiefs of Staff Admiral James Winnefeld testified before the House Armed Services Committee that “Russian military doctrine includes what some have called an ‘escalate to de-escalate’ strategy—a strategy that purportedly seeks to deescalate a conventional conflict through coercive threats, including limited nuclear use. We think that this label is dangerously misleading. Anyone who thinks they can control escalation through the use of nuclear weapons is literally playing with fire. Escalation is escalation, and nuclear use would be the ultimate escalation.”.

(3) General Scaparrotti noted in his March 27, 2017, testimony before the House Armed Services Committee that “Moscow’s provocative rhetoric and nuclear threats increase the likelihood of misunderstanding and miscalculation.”.

(4) The Russian Federation continues to conduct ongoing influence campaigns aimed at undermining democracies around the world. According to an assessment by the intelligence community, “Russian President Vladimir Putin ordered an influence campaign in 2016 aimed at the U.S. presidential
election”, which included the use of the Russian military intelligence organization. The intelligence community also assessed that Russia would apply lessons learned to future influence efforts worldwide, including against United States allies and their election systems.

(5) The Russian Federation continues its aggression on its periphery. In 2008, the Russian Federation fomented conflict in Georgia. Further, the Russian Federation is directing combined Russian-Separatist units in eastern Ukraine, actively inciting violence and prolonging the most significant conflict in Europe.

(6) The investment of over $5 billion in the European Reassurance Initiative (ERI), now the European Deterrence Initiative (EDI), has proven successful in significantly enhancing the ability of United States forces, NATO allies, and regional partners to deter Russian aggression. EDI has not only assured our European allies and partners but supported essential investments in NATO’s military capacity, interoperability, and agility.

(b) SENSE OF CONGRESS.—It is the sense of Congress that—
(1) the risks of miscalculation in a crisis are exacerbated by the Russian Federation’s shift to a military doctrine of “escalate to de-escalate”, lowering the threshold for Russian use of nuclear weapons and thereby increasing the risk of using nuclear weapons, potentially escalating into a massive nuclear exchange;

(2) subversive and destabilizing activities by the Russian Federation targeting NATO allies and partners causes concern and should be condemned;

(3) European Deterrence Initiative (EDI) investments are long-term and, as such, Congress expects future budgets to reflect United States commitment by planning for funding in the base budget, and further EDI should build on United States presence by increasing the United States permanent force posture; and

(4) credible deterrence requires steadfast cooperation and joint action with NATO allies and partners and other United States allies and partners in Europe.

SEC. 03. STRATEGY TO COUNTER THREATS BY THE RUSSIAN FEDERATION.

(a) STRATEGY REQUIRED.—The Secretary of Defense, in coordination with the Secretary of State and in
consultation with each of the Secretaries of the military departments, the Joint Chiefs of Staff, and the commanders of each of the regional and functional combatant commands, shall develop and implement a comprehensive strategy to counter threats by the Russian Federation.

(b) REPORT REQUIRED.—

(1) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall submit to the appropriate congressional committees a report on the strategy required by subsection (a).

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

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

(B) A detailed description of Russian threats to the national security of the United States, including threats that may pose challenges below the threshold of armed conflict.

(C) A discussion of how the strategy complements the National Defense Strategy and the National Military Strategy.

(D) A discussion of the ends, ways, and means inherent to the strategy.
A discussion of the strategy’s objectives with respect to deterrence, escalation control, and conflict resolution.

A description of the military activities across geographic regions and military functions and domains that are inherent to the strategy.

A description of the posture, forward presence, and readiness requirements inherent to the strategy.

A description of the roles of the United States Armed Forces in implementing the strategy, including—

(i) the role of United States nuclear capabilities;

(ii) the role of United States space capabilities;

(iii) the role of United States cyber capabilities;

(iv) the role of United States conventional ground forces;

(v) the role of United States naval forces;

(vi) the role of United States air forces; and
(vii) the role of United States special
operations forces.

(I) An assessment of the force requirements needed to implement and sustain the strategy.

(J) A description of the logistical requirements needed to implement and sustain the strategy.

(K) An assessment of the technological research and development requirements needed to implement and sustain the strategy.

(L) An assessment of the training and exercise requirements needed to implement and sustain the strategy.

(M) An assessment of the budgetary resource requirements needed to implement and sustain the strategy through December 31, 2030.

(N) A discussion of how the strategy provides a framework for future planning and investments in regional defense initiatives, including the European Deterrence Initiative.

(3) FORM.—The report required by this subsection shall be submitted in unclassified form but may contain a classified annex.
SEC. 04. STRATEGY TO INCREASE CONVENTIONAL PRECISION STRIKE WEAPON STOCKPILES IN THE UNITED STATES EUROPEAN COMMAND'S AREAS OF RESPONSIBILITY.

(a) Strategy Required.—

(1) In General.—The Secretary of Defense, in coordination with the Secretary of State, shall develop and implement a strategy to increase conventional precision strike weapon stockpiles in the United States European Command's areas of responsibility.

(2) Elements.—The strategy required by this subsection shall include necessary increases in the quantities of such stockpiles that the Secretary determines will enhance deterrence and warfighting capability of the North Atlantic Treaty Organization forces.

(b) Report Required.—

(1) In General.—Not later than April 1, 2018, the Secretary of Defense shall submit to the appropriate congressional committees a report on the strategy required by subsection (a).

(2) Form.—The report required by this subsection shall be submitted in unclassified form but may contain a classified annex.
SEC. 05. PLAN TO COUNTER THE MILITARY CAPABILITIES OF THE RUSSIAN FEDERATION.

(a) PLAN REQUIRED.—

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

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

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

(B) Accelerating programs of the Department of the Army to counter Russian unmanned aircraft systems, electronic warfare, and long-range precision strike capabilities.

(C) Countering unconventional capabilities and hybrid threats from the Russian Federation.

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

(b) REPORT REQUIRED.—

(1) IN GENERAL.—Not later than April 1, 2018, the Secretary of Defense shall submit to the appropriate congressional committees a report on the plan required by subsection (a).
(2) FORM.—The report required by this subsection shall be submitted in unclassified form but may contain a classified annex.

(c) SENSE OF CONGRESS.—It is the sense of Congress that concerns persist over the growing sophistication of unconventional and hybrid state-sponsored threats by the Russian Federation as demonstrated through its advancement and integration of conventional warfare, economic warfare, cyber and information operations, intelligence operations, and other activities to undermine United States national security objectives.

SEC. 06. PLAN TO INCREASE CYBER AND INFORMATION OPERATIONS, DETERRENCE, AND DEFENSE.

(a) PLAN.—The Secretary of Defense and the Secretary of State shall jointly develop a plan to—

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

(2) enhance joint, regional, and combined information operations and strategic communication strategies to counter Russian Federation information warfare, malign influence, and propaganda activities; and

(3) identify potential areas of cybersecurity collaboration and partnership capabilities with NATO.
and other European allies and partners of the
United States.

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

SEC. 07. SENSE OF CONGRESS ON ENHANCING MARITIME
CAPABILITIES.

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

SEC. 08. PLAN TO REDUCE THE RISKS OF MISCALCU-
LATION AND UNINTENDED CONSEQUENCES
THAT COULD PRECIPITATE A NUCLEAR WAR.

(a) FINDINGS.—Congress finds that—

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

(2) such nuclear doctrine exacerbates the risks
of miscalculation and unintended consequences that
could precipitate a nuclear war.
(b) PLAN REQUIRED.—

(1) IN GENERAL.—Not later than March 1, 2018, the Secretary of Defense, in coordination with the Chairman of the Joint Chief of Staff, the Commander of the United States Strategic Command, and the Commander of the United States European Command, shall submit to the congressional defense committees a plan that includes options to reduce the risk of miscalculation and unintended consequences that could precipitate a nuclear war.

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

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

(B) any other recommendations the Secretary determines to be appropriate.

SEC. 09. DEFINITIONS.

In this subtitle:

(1) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term “appropriate congressional committees” means—

(A) the congressional defense committees; and
(B) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

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

"(b) LAUNCHES AND MANUFACTURERS.—

"(1) LIMITATION.—In addition to the prohibition in subsection (a), and except as provided in subsection (c), the Secretary may not enter into a contract for satellite services with any entity if the Secretary reasonably believes that such satellite services will be provided using satellites that will be—

"(A) designed or manufactured in a covered foreign country, or by an entity controlled in whole or in part by, or acting on behalf of, the government of a covered foreign country; or

"(B) launched using a launch vehicle that is designed or manufactured in a covered foreign country, or that is provided by the government of a covered foreign country or by an entity controlled in whole or in part by, or acting on behalf of, the government of a covered for-
eign country, regardless of the location of the
launch (unless such location is in the United
States).

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

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

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

“(3) LAUNCH VEHICLE DEFINED.—In this sub-
section, the term ‘launch vehicle’ means a fully in-
grated space launch vehicle.”.
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 included therein as enacted, section 1061(d) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328) is amended by adding at the end the following new paragraph:

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

4
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 new launch vehicle systems to the extent such parts are developed primarily for national security 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.
AMENDMENT TO H.R. 2810
OFFERED BY MR. SMITH OF WASHINGTON

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

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

(a) SENSE OF CONGRESS.—It is the sense of Congress that—

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

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

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

(4) many U.S. companies have talent and technological capability that the Federal Government could harness; and
(5) these companies would be able to more effectively develop automation, artificial intelligence, and associated algorithms if given access to data of the National Geospatial-Intelligence Agency, consistent with the protection of sources and methods.

(b) REPORT.—Not later than 30 days after the date of the enactment of this Act, the Director of the National Geospatial-Intelligence Agency shall submit to the appropriate congressional committees a report on the authorities necessary to conduct commercial activities relating to geospatial intelligence that the Director determines necessary to engage in basic research, applied research, data transfers, and development projects, with respect to automation, artificial intelligence, and associated algorithms, including how the Director would use such authorities, consistent with applicable laws and procedures relating to the protection of sources and methods.

(c) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

(1) the Committees on Armed Services of the House of Representatives and the Senate; and
(2) the Permanent Select Committee on Intelligence of the House of Representatives and the Select Committee on Intelligence of the Senate.
AMENDMENT TO H.R. 2810
OFFERED BY MR. O’ROURKE OF TEXAS

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

SEC. 10. REPORT ON CIVILIAN CASUALTIES FROM DEPARTMENT OF DEFENSE STRIKES.

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

1. The number of such strikes carried out in—
   a. locations outside Government-designated areas of active hostilities; and
   b. locations inside Government-designated areas of active hostilities.
(2) An assessment of the combatant and non-combatant deaths resulting from those strikes, including the number of such deaths—

   (A) occurring outside of Government-designated areas of active hostilities; and

   (B) occurring within Government-designated areas of active hostilities, with the number of such deaths displayed to indicate the Government-designated country or location within the Government-designated country where such deaths occurred.

(3) To the extent feasible and appropriate, the general reasons for any discrepancies between post-strike assessments from the Department of Defense and credible reporting from nongovernmental organizations regarding non-combatant deaths resulting from such strikes.

(4) A description of steps taken by the Department of Defense to mitigate harm to civilians in conducting such strikes.

(5) Definitions of the terms "combatant" and "noncombatant" as used in the report.

(6) The monthly tabulations collected by the Department of Defense of combatant and non-combatant casualties occurring inside of areas of active
hostilities, and any revisions to previously reported tabulations.

(7) A specification of the countries, or locations within countries

(A) designated as areas of active hostilities; and

(B) not designated as areas of active hostilities.

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

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

(2) The report for 2019, and for each subsequent year, shall be submitted by not later than March 1 of the year following the year covered by the report.

(e) REVIEW OF REPORTING.—In preparing a report under this section, the Secretary of Defense shall review relevant and credible post-strike all-source reporting, including such information from nongovernmental sources.

(d) FORM OF REPORT.—The reports required under subsection (a) shall be submitted in unclassified form, but may include a classified annex.
(e) PUBLIC AVAILABILITY.—The Secretary of Defense shall make the unclassified form of the reports publicly available.