

**En Bloc Amendments to H.R. 1735**  
**National Defense Authorization Act for Fiscal Year 2016**  
 Wednesday, April 29, 2015

<b>Subcommittee on Strategic Forces</b>		
<b>En Bloc # 1</b>		

<b>Log #</b>	<b>Sponsor</b>	<b>Description</b>
009r1	Rogers	Adds \$15 million to Conventional Prompt Global Strike (CPGS) for concept development of an Army version of the advanced hypersonic weapon (AHW)
011	Bridenstine	Requires USD(AT&L) to brief the committee on strategy to meet counter-electromagnetic interference requirements. Briefing will include identification of current SATCOM EMI activities, description of future programs and cost-benefit analysis
053	Cooper	Adds a 15 year sunset to the prohibition on sharing missile defense information with Russia
054	Cooper	Requires that in providing anti-air warfare capability, the Secretary of Defense shall evaluate the feasibility, benefit, and cost of using the Evolved Sea Sparrow Missile or Standard Missile 2 for such purposes
060	Rogers	Adds a 15 year sunset to the prohibition concerning US-Russia missile defense integration
062	Rogers	Technical correction concerning missile defense sites in Europe
063	Rogers	Briefings and plan concering procurement and planning of left-of-launch capability
065	Rogers	Technical correction concerning the Long Range Discriminating Radar
066r1	Rogers	Requires notifications to the committee concerning strategic forces capabilities
081r1	Bridenstine	Directs USD(AT&L) to provide the committee with a briefing on requirements and plan to provide protected tactical communications to the warfighter, opportunities to accelerate the plan, and a strategic approach and concept definition for enterprise level SATCOM ground architecture

AMENDMENT TO H.R. 1735

OFFERED BY MR. ROGERS

(funding table amendment)

LOG 009 R1

In section 4201 of division D, relating to System Development and Demonstration, increase the amount for concept development of an Army version of the advanced hypersonic weapon, Line 117, by \$15,000,000.

In section 4101 of division D, relating to Other Procurement, Air Force, reduce the amount for Family of Beyond Line-of-Sight Terminals, Line 43, by \$15,000,000.

## Amendment Offered by Mr. Bridenstine of Oklahoma and Mr. Turner of Ohio

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

### Satellite Communications Interference

The committee believes in the importance of a robust ability for the warfighter to monitor, detect, characterize, geolocate and report sources of radio frequency interference on U.S. military and commercial satellites that are in direct support of combatant commanders. The committee is concerned that the Department has not developed a clear strategy to meet the related warfighter requirements. Therefore, the committee directs the Under Secretary of Defense for Acquisition, Technology, and Logistics, in coordination with the Commander of U.S. Strategic Command and the Secretary of the Air Force, to provide a briefing to the House Armed Services Committee by September 15, 2015 on the related JROC-validated requirements; identification of current SATCOM interference monitoring activities and funding within the Department; cost-benefit analysis of options to meet the requirements; and a recommended strategy including a description of future program, or programs, and funding to meet the requirements. The committee would be concerned if the Department of Defense made any substantial changes to the counter-electromagnetic interference programs of record, including EAGLE SENTRY and ARC STORM, before providing the required briefing.

# Log 053

## AMENDMENT TO H.R. 1735

### OFFERED BY MR. COOPER OF TENNESSEE

(Strategic Forces subcommittee mark)

In 130g of title 10, United States Code, as proposed to be added by section 16\_\_\_\_ (Log 59690), add at the end the following new subsection:

- 1 (d) SUNSET.—The prohibitions in subsection (a) and
- 2 (b) shall expire on January 1, 2031.



**AMENDMENT TO H.R. 1735**  
**OFFERED BY MR. COOPER OF TENNESSEE**

In subsection (a) of section 16\_\_\_\_ (Log 60194),  
add at the end the following new paragraph:

1           (3) EVALUATION OF CERTAIN MISSILES.—The  
2           Secretary shall evaluate the feasibility, benefit, and  
3           cost of using the evolved sea sparrow missile or the  
4           standard missile 2 in providing the anti-air warfare  
5           capability described in paragraphs (1) and (2).



**AMENDMENT TO H.R. 1735**  
**OFFERED BY MR. ROGERS OF ALABAMA**

In section 1663—

(1) strike “(a) PROHIBITION.—Except as provided by subsection (b), none” and insert “None”;

(2) strike “for fiscal year 2016” and insert “for any of fiscal years 2016 through 2031”; and

(3) strike subsection (b).



**AMENDMENT TO H.R. 1735**  
**OFFERED BY MR. ROGERS OF ALABAMA**

In section 1668(a)(2), insert “and implement” after  
“develop”.



**AMENDMENT TO H.R. 1735**

**OFFERED BY MR. ROGERS OF ALABAMA**

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

1 **SEC. 16 \_\_\_\_ . BRIEFINGS ON PROCUREMENT AND PLANNING**  
2 **OF LEFT-OF-LAUNCH CAPABILITY.**

3 (a) BRIEFING ON CURRENT CAPABILITY.—Not later  
4 than 90 days after the date of the enactment of this Act,  
5 the Chairman of the Joint Chiefs of Staff shall provide  
6 to the appropriate congressional committees a briefing on  
7 the military requirement for left-of-launch capability and  
8 any current gaps in meeting such requirement.

9 (b) BRIEFING ON JOINT REVIEW AND PLAN TO DE-  
10 VELOP AND PROCURE CAPABILITIES.—Not later than 180  
11 days after the date of the enactment of this Act, the Sec-  
12 retary of Defense and the Director of National Intelligence  
13 shall jointly provide to the appropriate congressional com-  
14 mittees a briefing on the plan of the Secretary and the  
15 Director to develop and procure the left-of-launch capabili-  
16 ties as described in the briefing under subsection (a).

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



Log 063

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



**AMENDMENT TO H.R. 1735**

**OFFERED BY M**\_\_ . \_\_\_\_\_

In section 1664(b), strike “None” and all that follows through “until” and insert the following: “No funds authorized to be appropriated may be obligated or expended for military construction for the long-range discriminating radar (other than for planning and design) until”.



Loy Oberl

## Amendment Offered by Mr. Rogers

### H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

#### Quarterly Briefings on Strategic Forces

The committee is concerned that certain matters are not reported to the committee in a timely way. For example, the committee had to learn about a recent weather satellite break-up from press reporting rather than from the Department. The committee acknowledges the satellite in question was operated by another federal department; nonetheless, matters related to the break-up of satellites and the creation of debris are closely tracked by the Department and that information should be shared with the congressional defense committees as soon as practicable.

The committee is concerned with the current reporting structure, or lack thereof, to keep the committee abreast of national security space-related issues. In an effort to resolve this, the committee is aware that the Commander of U.S. Strategic Command plans to take certain specific steps to address this. The committee welcomes this commitment. The committee expects prompt notification of matters related to national security space. The committee notes the Director of the National Reconnaissance Office has set a benchmark standard that the Commander should look to as he seeks to improve notifications to the congressional defense committees.

The committee further notes that it is not just in the area of national security space where notification to the congressional defense committees needs improvement. The committee notes that several significant issues that prompted the Department's Nuclear Enterprise Review had not been disclosed to the committee and several specific problems in the Air Force component of the Department's nuclear enterprise were only made known to the committee through press reporting

To improve notification, the committee directs the Chairman of the Joint Chiefs of Staff to provide quarterly briefings to the committee, starting June 1, 2015 and continuing through September 30, 2016, detailing the following: readiness and disposition of ballistic missile defense assets, including interceptors (including Patriot, THAAD, Aegis BMD ships and ashore sites, A/N TPY-2 radars); and readiness and disposition of assets and personnel in the nuclear triad (including ballistic missile submarines, intercontinental ballistic missiles, and nuclear-certified heavy bombers), as appropriate.

Log 066r1

The committee notes that notifications concerning matters affecting national security space are being addressed through the aforementioned agreement with the Commander of U.S. Strategic Command, and the committee expects to be briefed on any major issue affecting national security space.

Log 081 R1

## Amendment Offered by Mr. Bridenstine of Oklahoma and Mr. Lamborn of Colorado

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

Cosponsor  
Lamborn

### Protected Tactical Satellite Communications

The committee recognizes the importance of protected satellite communications. In a statement for the record, the Director of the Defense Intelligence Agency informed the committee that “Chinese and Russian military leaders understand the unique information advantages afforded by space systems and are developing capabilities to deny U.S. use of space in the event of a conflict. Chinese military writings specifically highlight the need to interfere with, damage, and destroy reconnaissance, navigation, and communication satellites. China has satellite jamming capabilities and is pursuing other antisatellite systems.”

In response to the increasing foreign threat, the committee supports efforts that leverage existing military and commercial satellites to provide greater protection for the warfighter. The committee is aware of multiple ongoing activities within the Air Force to increase capacity of protected satellite communications. One such activity is a capabilities insertion program which will provide increased capacity on the Advanced Extremely High Frequency (AEHF) satellite through a software enhancement. Another activity is the development of a protected tactical waveform for commercial satellites and Wideband Global Satellite Communications (WGS). The committee is aware that these activities will provide different levels of protection but has not yet seen a strategic approach to address the warfighter requirements, including against a determined foreign adversary.

Additionally, the committee believes that further evaluation of enterprise-level satellite communications ground architecture is necessary. This requires consideration of the ground command and control as well as user terminals. The warfighter will require situational awareness of the threat activity as well as options to rapidly respond to maintain the necessary warfighter capabilities. The committee recognizes that terminals, which represent a major driver for any architecture, will need to be considered in future concepts that are designed to permit flexible operations in threatened environments.

Log 081 R1

The committee is aware of the benefits the Air Force has seen by co-locating space operations squadrons with complementary missions. The committee also believes that there may be opportunities for doing space operations more jointly, within the Air Force and Army for instance, as well as appropriately integrating commercial capabilities.

Therefore, the committee directs the Under Secretary of Defense for Acquisition, Technology, and Logistics, in coordination with the Commander of U.S. Strategic Command, the Secretary of the Air Force, and the Chief Information Officer, to provide the House Committee on Armed Services a briefing by December 15, 2015 on the requirements and plan to provide protected tactical communications to the warfighter through existing satellite programs; the necessary funding for such plan, and opportunities for acceleration as needed, in accordance with the highest priority warfighter requirements; and a strategic approach and concept definition for enterprise-level satellite communications ground architecture for threatened environments.