



Advocacy Update

Association of Old Crows | June 2018

Commanding Generals Confirmed for July 18 Army SIGINT Event

Lt. Gen. Stephen G. Fogarty, Commanding General, US Army Cyber Command and Maj. Gen. Robert P. Walters, Jr., Commanding General, US Army Intelligence Center of Excellence, have confirmed their participation at “Winning the EMS: The Future of Army SIGINT” on July 18. This event, taking place on Capitol Hill as part of the AOC Industry Partner Project, will study how the Army is prepared to fight in the EMS across the Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel and Facilities (DOTM-LPF), specifically discussing SIGINT/EW/CO requirements, training, and organization.

They will be participating in Part I of the event, a Congressional Panel Discussion hosted by Rep. Jody Hice (GA-10), a member of the EW Working Group and House Armed Services Committee (HASC). This session will discuss developments in the integration of SIGINT, EW, and Cyberspace Operations, as well as the US Army SIGINT Strategy. Immediately following this discussion will be Part II of the event, a separate Industry Solutions Forum. This will feature an industry showcase (available to sponsors), a networking reception, and a brief program featuring invited leadership from the Army PEO IEWS.

Both parts will draw upon leadership and expertise from the US Army Intelligence Center of Excellence (ICOE), the Cyber Center of Excellence (CCoE), the PEO Intelligence Electronic Warfare and Sensors (IEW&S), and the defense industry. They qualify as “Widely Attended Events” and are open to military, government, and industry. The event is FREE, but registration is required.

For more information on the event and for registration, please go to www.crows.org/?page=WinningArmySIGINT or email Amanda Crowe at crowe@crows.org. For sponsorship opportunities for the Industry Solutions Forum, please contact Ken Miller at kmiller@crows.org.

House and Senate Head to Conference on NDAA

The House and Senate plan to commence a Conference Committee next week to hammer out the differences between their versions of the FY 2019 National Defense Authorization Act (NDAA). Unlike the past few years, due to the budget agreement that lifted the spending caps, the funding parameters are fairly set. There are several controversial issues and the mid-term elections on the horizon, so a completion date for a conference agreement and vote is uncertain, but anticipate progress on most funding and policy provisions in the coming weeks through August.

The adjacent charts breakdown the top-level spending between base defense and Overseas Contingency Operations (OCO) funding and categories under Division A (Note: Total base defense funding also includes Division B—MILCON, BRAC, and housing, and defense-related activities of the Department of Energy and other federal agencies). The key take-away is that both the House and Senate versions of the NDAA embrace the Trump Administration’s emphasis on readiness (primarily through O&M and MILPER accounts), by increasing spending by an average of...

House and Senate Head to Conference on NDAA cont.

3 percent. However, all three proposals decrease procurement by an average of 3.8 percent.

For the most part, funding for specific EW programs held through House and Senate consideration. There were some increases, most notably in the House version, which provided +\$67 million for the Eagle Passive Active Warning and Survivability System (EPAWSS) and +\$50 for the ALQ-128 Electronic Warfare Warning Set (EWWS). However, both the House and Senate version contained key policy provisions that AOC supports and will continue to monitor. Specifically, the House bill included Sec. 1058, an Assessment of DoD's Electromagnetic Spectrum Warfare Enterprise, an adaptation of Rep. Don Bacon's legislation, H.R. 5522, the Joint EMSO Readiness Act (JEMSORA). The Senate bill included Sec. 1032, Guidance on the Electronic Warfare Mission Area and JEMSO. Both bills repealed funding restrictions for the EC-130H Compass Call Recapitalization Program, while the House bill also included a briefing requirement on the Compass Call Transition Plan. For a complete list of EW-related provisions, see the Score Card below.

NDAA Funding Summary

Category	President's Request	House Total	Senate Total	FY 2018 NDAA
Defense Base	\$639,105,458	\$639,462,458	\$639,383,800	\$626,351,107
OCO	\$69,000,000	\$69,000,000	\$68,484,600	\$65,748,324
Total Defense Authorization	\$708,105,458	\$708,462,458	\$707,868,400	\$692,099,431

NDAA Division A Summary

Category	President's Request	House Total	Senate Total	FY 2018 NDAA
Procurement	\$130,526,043	\$133,587,892	\$131,998,763	\$137,311,332
R&D	\$91,056,950	\$91,916,650	\$92,216,538	\$86,348,676
O&M	\$199,469,636	\$195,545,393	\$200,351,316	\$192,289,958
MILPER	\$148,222,391	\$147,521,891	\$145,160,311	\$141,846,413
Other	\$37,381,921	\$37,771,173	\$37,384,421	\$37,676,222
Total Div A	\$606,656,941	\$606,342,999	\$607,111,349	\$595,472,601

AOC's NDAA Scorecards

The following is a summary of key EW-related provisions in both the House and Senate versions of the NDAA. For more information on the provisions and an AOC's position, please contact Ken Miller, AOC Director of Advocacy and Outreach, at kmiller@crowds.org.

H.R. 5515 (FY19 House NDAA)

	SUPPORT	OPPOSE
Sec. 1058-Assessment of Department of Defense Electromagnetic Spectrum Warfare Enterprise	X	
Sec. 146-Removal of Waiting Period for Limitation on Availability of Funds for EC-130H Compass Call Recapitalization Program	X	
Sec. 127-Multiyear Procurement Authority for F/A-18E/F Aircraft and EA-18G Aircraft*	X	
Sec. 212-Extension of Directed Energy Prototype Authority	X	
Sec. 217-Limitation on Availability of Funds for Certain High Energy Laser Advanced Technology*		X
Sec. 224-Briefing on Use of Quantum Sciences for Military Applications and Other Purposes	X	
Sec. 1061-Report on Cyber Enabled Information Operations	X	

*Similar language found in S.2987

Report Language we are watching:

Compass Call transition plan (pg. 23-24)

F-15C Eagle Passive Active Warning and Survivability System (pg. 24)

F-15 ALQ-128 electronic warfare warning set (pg.59)

CREW electronic counter-measure systems (pg. 12)

B-2 secure communication modernization plan (pg. 22)

Directed energy and non-lethal weapons technology policy and guidance (pg. 48)

Non-lethal directed energy technologies (pg. 73)

Information Operations (pg. 89)

Live, Virtual, and Constructive Training Solution Enhancements (pg. 89-90)

Central Test and Evaluation Investment Program (pg. 66)

Incorporating Consideration of Advanced Technologies into Professional Military Education (pg.109-110)

S.2987 (FY19 Senate NDAA)

	SUPPORT	OPPOSE
Sec. 1032-Guidance on the electronic warfare mission area and joint electromagnetic spectrum operations	X	
Sec. 925-Cross-functional teams in the Department of Defense	X	
Sec. 143-Repeal of funding restriction for EC-130H Compass Call Recapitalization Program and review of program acceleration opportunities	X	
Sec. 1663-Development of Electromagnetic Battle Management Capability for joint electromagnetic operations		X
Sec. 1661-Assessment of the electronic warfare capabilities of Russia and China	X	
Sec. 142-B-52H aircraft system modernization report	X	

Other sections we are watching:

Sec. 242-Independent assessment of electronic warfare plans and programs

Sec. 212-Procedures for rapid reaction to emerging technology

Sec. 222-Defense quantum information science and technology research and development program

Sec. 223-Joint directed energy test activities

Sec. 211-Codification and reauthorization of Defense Research and Development Rapid Innovation Program

Sec. 225-Authority for Joint Directed Energy Transition Office to conduct research relating to high powered microwave capabilities

Sec. 226-Joint artificial intelligence research, development, and transition activities

Sec. 231- Report on the future of the defense research and engineering enterprise

House to Take Up FY 19 Defense Appropriations

As the NDAA - the defense policy bill - heads to Conference Committee, the House turns its attention to the annual defense spending bill during the week of June 25. The bill provides \$675.1 billion for the Department of Defense, which includes both mandatory and discretionary funding. This is an increase of \$19.9 billion over FY 18 defense funding, but \$882 million less than the President's budget request. It is important to keep in mind that funding level comparisons between the NDAA (see above) and Appropriations are challenging because they take into account some different spending categories and parameters. Furthermore, the NDAA provides DoD with the authority to spend a certain amount, but it is the appropriations bill that provides the actual funding.

House to Take Up FY 19 Defense Appropriations cont.

Defense Appropriations Summary

Category	FY 18 Enacted	FY 2019 Request	FY 2019 Appropriations (House)
Procurement	\$133,245,583	\$130,564,621	\$133,040,027
R&D	\$88,308,133	\$91,056,950	\$91,218,284
O&M	\$188,245,583	\$199,469,636	\$197,551,742
Personnel	\$133,367,397	\$140,689,301	\$139,308,351
OCO	\$65,166,000	\$68,078,580	\$68,079,000

Below is a breakdown of major spending categories in the defense appropriations bill. Like the NDAA bills in the House and Senate, the majority of increased funding flows through Operations and Maintenance and Personnel accounts to address readiness concerns. Procurement funding experiences a small decrease from FY 18 levels and R&D funding sees a \$2.9 billion increase. The following are some funding provisions the AOC will be following. The AOC will also provide additional information and analysis on funding items in the coming weeks.

- +\$50 million above the budget request for the F-15 Eagle Passive Active Warning and Survivability Systems (EPAWSS)
- +\$194 million above the budget request to procure and modify one additional EC-37B Compass Call aircraft
- \$413.5 million for the continued development of the Next Generation Jammer
- +\$15 million above the budget request for the ALQ-99 Band 6S Jammer
- -\$30.6 million for AN/SLQ-32 excess cost growth
- +95 million above the budget request for the EA-18G for advanced modes/cognitive EW acceleration
- +80 million for Project Maven under Intelligence Capabilities and Innovation

Rep. Wittman Speaks at Dahlgren Chapter Meeting

On June 25, Rep. Rob Wittman spoke with the Dahlgren Chapter about the future of the Armed Forces and the importance of the EMS. He discussed the need to re-establish readiness within the Joint Force, especially since the future fight will require the ability to work in a degraded EMS. We need to modernize our systems in order to stay ahead of the threat.

According to Rep. Wittman, if we don't maintain our technological superiority in the spectrum, our adversaries could gain an advantage over us. "How do we win?" Wittman asked, "By doing more." We need to do more with what we have, spending our money the most effectively on what our warfighters will need for the next battle. He discussed the need to invest money and spend time training our forces how to use the EMS to protect our operations and disrupt our adversaries.

Rep. Wittman was fairly confident that the NDAA and Appropriations bills would be passed and that a shutdown would not occur this year. Once passed, these bills will help advance EW and EMSO. Please see the articles above for more information on NDAA and Appropriations provisions.

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