

From: Craig Quigley <cquigley@hrmffa.org>
Sent: Saturday, December 7, 2019 8:39 AM
To: Craig Quigley
Subject: EXECUTIVE INSIGHT BRIEF | DECEMBER 6, 2019

Ladies & Gentlemen, below please find this week's edition of *Executive Insight Brief* from The Roosevelt Group.

Craig R. Quigley
Rear Admiral, U.S. Navy (Ret.)
Executive Director
Hampton Roads Military and Federal Facilities Alliance
757-644-6324 (Office)
757-419-1164 (Cell)



EXECUTIVE INSIGHT BRIEF | DECEMBER 6, 2019

TOP STORIES

Pentagon Finds Companies Struggle to Meet Cybersecurity Standards

Companies are struggling to comply with [Pentagon cybersecurity regulations](#), according to a new department study. The Pentagon found that while small companies specifically face difficulty, larger companies are not free from issues either. Assistant Defense Secretary for Acquisition Kevin Fahey said that while big companies generally do well with their compliance, "...in no case do they meet everything that they thought they met." Fahey pointed out the problem of

large companies giving unnecessary data to subcontractors, which then become targets for foreign hacking. According to the Aerospace Industries Association's Assistant Vice President for National Security Policy Jason Timm, some of the standards that companies are having trouble with are sections surrounding FIPS-validated encryption and multi-factor authentication. The Pentagon has warned companies that they will lose contracts if they or their subcontractors are not in compliance.

Largest-ever U.S. Navy Shipbuilding Contract Awarded to Electric Boat

Nine Virginia-class attack submarines will be constructed by General Dynamics Electric Boat under a [\\$22.2 billion contract from the US Navy](#), its largest ever. The Navy's 2019 budget proposal included 11 submarines, two more than this contract—however, if the Navy accepts the option for an additional boat to bring the total to 10, the contract would increase to \$24.2 billion. An 84-foot section will be incorporated on eight of the submarines to increase their strike missile capacity. Assistant Secretary of the Navy for Research, Acquisition, and Development James Guerts said that the true value of the contract grows to around \$35 billion when government-funded equipment is included. During the contract signing, Guerts said that on-target delivery of the Block V submarines would enable \$4.4 billion in savings.

DARPA: Chemical and Biological Agent Survival Gear Wanted

The Defense Advanced Research Projects Agency's Biotechnical Technologies Office has initiated the [Personalized Protective Biosystem](#)—a program with the goal of swiftly creating equipment to block and neutralize dangerous biological

and chemical agents. Modernization of protective technology is a priority of the PPB program, which seeks to exchange generally burdensome current gear with updated materials. DARPA desires for the protective systems to be utilized in both disaster relief and military contexts, defending against 11 chemical and biological threats to ensure 100% survival rate from a lethal exposure. Proposals for awards to multiple organizations for PPB development have deadlines in January and February.

Linkage of F-35 Training Simulators Expected in 2020

U.S. Air Force F-35 pilots will be able to join pilots all over the world to practice extensive integrated attacks beginning next spring. Lockheed Martin's Vice President of F-35 Training and Logistics Chauncey McIntosh said that [Distributed Mission Training capability](#) will be first rolled out at Nellis Air Force Base in Nevada. The new capability will enable wide-scale, advanced training that is impossible under the current connection limitations to only on-site simulators. Under DMT, bases will be able to link up to four F-35 simulators on base to the worldwide network. Lockheed is contracted to provide DMT to the US Navy, Marine Corps, and the UK as well, but will be beginning with the Air Force. The distribution of DMT to other bases is still in planning.

CBP Wants to Expand Biometrics Program to Citizens, Permanent Residents

Customs and Border Protection proposed a new rule change that would prevent US citizens and permanent residents from being able to opt-out of its [facial recognition program](#) used in ports-of-entry since September 2018. Its

facial recognition database takes a picture of a person as they are boarding their airplane and matches it to photos in their system from on travel documents such as passports. CBP has a congressional mandate to complete a biometric system for entry and exit; the goal of such processes is to protect safety by preventing known or suspected criminals, terrorists, and persons using fraudulent documents from traveling. However, policymakers are pushing back against the change, which would be implemented by July 2020, due to privacy concerns. CBP has said that the proposal will undergo the regulatory change process, including the time mandate for public comment.

THIS DAY IN HISTORY

1492

Christopher Columbus lands on the island of Santo Domingo.

1865

Slavery is abolished with the ratification of the 13th Amendment to the US Constitution.

1877

Thomas Edison creates the first sound recording by saying “Mary had a little lamb” into his phonograph.

1917

The Bolsheviks imprison Czar Nicholas II and his family in Tobolsk.

1921

The Irish Free State, independent from Britain, is formed by 26 southern counties in Ireland.

1941

U.S. President Franklin D. Roosevelt personally appeals to Emperor Hirohito of Japan to use his influence to avoid war.

1967

The first human heart transplant in the U.S. is completed by Adrian Kantrowitz. The infant recipient passes away a few hours later.

1971

After New Delhi recognizes the state of Bangladesh, Pakistan severs diplomatic ties with India.

1973

Gerald Ford is confirmed as Vice President of the US.

2006

NASA releases photographs that suggest the possibility of the presence of water on Mars from Mars Global Surveyor.

LOOK AHEAD

Monday, December 9

9:15 AM EST

Forum: The Center for Strategic and International Studies

Topic: Foreign Affairs - CSIS holds a Global Leaders Forum with Finnish Minister of Defense Antti Kaikkonen.

Location: CSIS, 1616 Rhode Island Avenue NW

12:00 PM EST

Discussion: The Middle East Forum

Topic: Foreign Affairs - The Middle East Forum holds a discussion on "Is Turkey Coming Back? Updating U.S. Policy."

Location: TBA U.S. Capitol

2:00 PM EST

Discussion: The Center for Strategic and International Studies

Topic: Foreign Affairs - CSIS holds a discussion on "Electric Vehicles: The Future of Development and Deployment," focusing on the global forecast for

electric vehicles.

Location: CSIS, 1616 Rhode Island Avenue NW

3:00 PM EST

Discussion: The Atlantic Council

Topic: Foreign Affairs - The Atlantic Council holds a discussion on "The Transatlantic Partnership in 2020: A European Perspective."

Location: Atlantic Council, 1030 15th St. NW, 12th Floor

Tuesday, December 10

9:00 AM EST

Meeting: Homeland Security Department; Transportation Security Administration

Topic: TSA Aviation Security Updates - Homeland Security Department; Transportation Security Administration holds a meeting of the Aviation Security Advisory Committee.

Location: TSA Headquarters, 601 12th St. South, Arlington, Va.

9:00 AM EST

Discussion: New America

Topic: Defense - New America holds a discussion on "Coming Home: Dialogues on the Moral, Psychological, and Spiritual Impacts of War."

Location: New America, 740 15th St. NW, Suite 900

9:15 AM EST

Conference: The Center for Strategic and International Studies and the Defense-Industrial Initiatives Group

Topic: Foreign Affairs - CSIS and the Defense-Industrial Initiatives Group hold

the 2019 New Generation of Partnership in the U.S.-ROK Alliance Conference.

Location: CSIS, 1616 Rhode Island Avenue NW

12:00 PM EST

Discussion: The Henry L. Stimson Center

Topic: Foreign Affairs - The Henry L. Stimson Center holds a discussion on "The New North Korea: Security Implications of North Korea's Social Changes."

Location: Stimson Center, 1211 Connecticut Avenue NW, Eighth Floor

2:00 PM EST

Hearing: House Armed Services Committee

Topic: Diversity in Recruiting and Retention - The House Armed Services Military Personnel Subcommittee holds a hearing on "Diversity in Recruiting and Retention: Increasing Diversity in the Military - What the Military Services are Doing."

Location: 2118 Rayburn House Office Building

2:00 PM EST

Hearing: House Foreign Affairs Committee

Topic: The Way Forward in Iraq - The House Foreign Affairs Middle East, North Africa and International Terrorism Subcommittee holds a hearing on "The Way Forward in Iraq."

Location: 2172 Rayburn House Office Building

3:30 PM EST

Discussion: The Atlantic Council

Topic: Foreign Affairs - The Atlantic Council holds a discussion on a new report, "A Candle in the Dark: U.S. National Security Strategy for Artificial Intelligence."

Location: Atlantic Council, 1030 15th St. NW, 12th Floor

Wednesday, December 11

9:00 AM EST

Conference: The Center for Strategic and International Studies

Topic: Defense - CSIS holds its 2019 Project on Nuclear Issues Winter Conference.

Location: CSIS, 1616 Rhode Island Avenue NW

10:00 AM EST

Hearing: House Armed Services Committee

Topic: U.S. Policy in Syria/Broader Region - The House Armed Services Committee holds a hearing on "U.S. Policy in Syria and the Broader Region."

Location: 2118 Rayburn House Office Building

2:00 PM EST

Hearing: House Armed Services Committee

Topic: Climate Change in the Era of Strategic Competition - The House Armed Services Intelligence and Emerging Threats and Capabilities Subcommittee holds a hearing on "Climate Change in the Era of Strategic Competition."

Location: 2118 Rayburn House Office Building

4:00 PM EST

Discussion: Atlantic Council

Topic: Aviation Cybersecurity - The Atlantic Council holds a discussion on a new report, "Aviation Cybersecurity: Scoping the Challenges."

Location: 1030 15th Street NW, 12th floor

Thursday, December 12

9:00 AM EST

Discussion: The Atlantic Council

Topic: Foreign Affairs - The Atlantic Council holds a discussion on "One Year into the United States' Maximum Pressure Campaign on Iran."

Location: Atlantic Council, 1030 15th St. NW, 12th Floor

10:00 AM EST

Discussion: The Brookings Institution

Topic: Technology - The Brookings Institution holds a discussion on "Lessons of History, Law, and Public Opinion for Artificial Intelligence Development."

Location: Brookings Institution, 1775 Massachusetts Avenue NW, Falk Auditorium

Have a great weekend! Happy Holidays!

The *Executive Insight Brief* will resume in January 2020.

Executive Insight Brief is a compilation of articles of interest prepared by the The Roosevelt Group research team. This information is provided for situational awareness. Items are chosen to highlight trends and issues in the news and do not necessarily reflect the views or positions of The Roosevelt Group.

WARNING: This email originated outside York County's email servers. Please verify the sender's identity, and use caution when clicking any links or opening any attachments. If you have concerns about this particular email, please call the Help Desk at extension 3434 for assistance.