

Black Tops

A compendium of recently published EW & CEMA articles

By Tom Zalewski

The following is a list of articles related to EW & CEMA that were recently published in a variety of publications or websites. These are offered in the general interest of the members of the APG Susquehanna Chapter of the AOC.

1. **Future Army cross domain Fires Bridging tomorrow's implications with initiatives today** dtd: May - June 2017; by: James Howard; published on: Fires on-line <http://sill-www.army.mil/firesbulletin/archives/2017/may-jun/future%20army.pdf>
2. **Annual Report to Congress: Military and Security Developments Involving the People's Republic of China 2017** dtd: 15 May 2017; by: N/A; published on: Defense.gov on-line https://www.defense.gov/Portals/1/Documents/pubs/2017_China_Military_Power_Report.PDF
3. **Statement on U. S. ARMY CYBER POSTURE** dtd: 23 May 2017; by: LTG Paul M. Nakasone, CG USA Cyber Command; published on: US Senate Subcommittee on Cyber Security on-line https://www.armed-services.senate.gov/imo/media/doc/Nakasone_05-23-17.pdf
4. **How Russia's sleeping satellites could wreak havoc on the West** dtd: 25 May 2017; by: Rakesh Krishnan Simha; published on: Russia Beyond the Headlines on-line <https://www.rbth.com/defence/2017/05/25/russias-sleeping-satellites-wreck-havoc-on-the-west-769276>
5. **Interview with Russia's Chief of EW Troops, General-Major Yuriy Lastochkin** dtd: 30 May 2017; by: N/A; published on: Russian Defense Policy on-line <https://russiandefpolicy.blog/2017/05/30/electronic-warfare-chief-interviewed-2/>
6. **In Remote Southern California Desert, U.S. Army Tests Advanced Cyber Weapons** dtd: 31 May 2017; by: All Things Considered; published on: NPR on-line <http://www.npr.org/2017/05/31/530929908/in-remote-southern-california-desert-u-s-army-tests-advanced-cyber-weapons>
7. **Poland Is Preparing for 15 Years of Rising Tension with Russia** dtd: 01 June 2017; by: Patrick Tucker; published on: DefenseOne on-line <http://www.defenseone.com/technology/2017/06/poland-preparing-15-years-rising-tension-russia/>
8. **US Army's FY18 wish list would grow force by 17,000 soldiers** dtd: 02 June 2017; by: Jen Judson; published on: Defense News on-line <http://www.defensenews.com/articles/armys-fy18-wish-list-would-grow-force-by-17k-fund-more-modernization>
9. **Army innovation hub will set sights on Korean Peninsula** dtd: 02 June 2017; by: Mark Pomerleau; published on: C4ISRNet <http://www.c4isrnet.com/search/?q=Army%20innovation%20hub%20will%20set%20sights%20on%20Korean%20Peninsula>
10. **Wanted: DISA cyber warriors** dtd: 02 June 2017; by: Amber Corrin; published on: C4ISRNet on-line <http://www.c4isrnet.com/articles/wanted-disa-cyber-warriors>
11. **Earth meets space as companies combine sensor data** dtd: 05 June 2017; by: Michael Peck; published on: C4ISRNET on-line www.c4isrnet.com/articles/earth-meets-space-as-companies-combine-sensor-data
12. **Major Cellphone Privacy Case Accepted by Supreme Court** dtd: 05 June 2017; by: Patrick Tucker; published on: U.S. News and World Report on-line <https://www.usnews.com/news/articles/2017-06-05/supreme-court-accepts-major-cellphone-privacy-case>
13. **No GPS signal, no problem: Army works on ops in denied regions** dtd: 05 June 2017; by: Mark Pomerleau; published on: C4ISRNET on-line <http://www.c4isrnet.com/articles/no-gps-signal-no-problem-army-works-on-ops-in-denied-regions>
14. **Planning for electronic warfare: Army looks for latest tech** dtd: 06 June 2017; by: Mark Pomerleau; published on: C4ISRNET on-line <http://www.c4isrnet.com/articles/planning-for-electronic-warfare-army-looks-for-latest-tech>
15. **Major Cellphone Privacy Case Accepted by Supreme Court** dtd: 05 June 2017; by: Patrick Tucker; published on: U.S. News and World Report on-line <http://www.c4isrnet.com/articles/intel-officials-pin-high-hopes-on-automation-artificial-intelligence>
16. **Army Reviews ALL Networks — Way Beyond WIN-T: Milley & Speer** dtd: 07 June 2017; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <http://breakingdefense.com/2017/06/army-reviews-all-it-systems-way-beyond-win-t-milley-speer>
17. **New series briefs rising government leaders on federal IT issues** dtd: 07 June 2017; by: Tony Ware; published on: FederalTimes on-line <http://www.federaltimes.com/articles/new-series-briefs-rising-government-leaders-on-federal-it-issues>

18. **Bill requires Pentagon to report cyber operations outside of war zones** dtd: 08 June 2017; by: Travis J. Tritten; published on: Washington Examiner on-line <http://www.washingtonexaminer.com/bill-requires-pentagon-to-report-cyber-operations-outside-of-war-zones/article/2625385>
19. **First Cecil-Frostburg engineering students set high bar at research symposium** dtd: 08 June 2017; by: N/A; published on: Cecil Whig on-line http://www.cecildaily.com/community_news/have_you_heard/article_5c543081-dd8f-5b38-8eb9-f1b6c447c1fc.html
20. **New Pentagon Electronic War Strategy Counters Russia** dtd: 09 June 2017; by: Kris Osborn; published on: Scout.com on-line www.scout.com/military/warrior/story/1735465-dod-to-unveil-new-electronic-warfare-strategy
21. **FY2018 Defense Budget Request: The Basics** dtd: 09 June 2017; by: Lynn M. Williams and Pat Towell; published on: Congressional Research Service on-line <https://fas.org/sgp/crs/natsec/R44866.pdf>
22. **U.S. Cyberweapons, Used Against Iran and North Korea, Are a Disappointment Against ISIS** dtd: 12 June 2017; by: David E. Sanger and Eris Schmitt; published on: The New York Times on-line https://www.nytimes.com/2017/06/12/world/middleeast/isis-cyber.html?_r=1
23. **Leonardo launches affordable defensive aids suite 'BriteEye' at Electronic Warfare Europe** dtd: 12 June 2017; by: N/A; published on: Defence Blog on-line <http://defence-blog.com/news/leonardo-launches-affordable-defensive-aids-suite-briteeye-at-electronic-warfare-europe.html>
24. **What will it take for the Army to succeed in multi-domain battle?** dtd: 14 June 2017; by: Mark Pomerleau; published on: C4ISRNET on-line www.c4isrnet.com/articles/what-will-it-take-for-the-army-to-succeed-in-multi-domain-battle
25. **3 ways DARPA will attack the cyber problem** dtd: 14 June 2017; by: Mark Pomerleau; published on: C4ISRNET on-line <http://www.c4isrnet.com/articles/3-ways-darpa-will-attack-the-cyber-problem>
26. **First Space Cyber Challenge held by 707th Communication warriors** dtd: 14 June 2017; by: Staff Sgt. Alexandre Montes; published on: 25th Air Force webpage on-line <http://www.25af.af.mil/News/Article-Display/Article/1214010/first-space-cyber-challenge-held-by-707th-communication-warriors/>
27. **General Dynamics Wins \$250M Deal for Prophet SIGNIT System** dtd: 19 June 2017; by: Zacks Equity Research; published on: Nasdaq.com on-line <http://www.nasdaq.com/article/general-dynamics-wins-250m-deal-for-prophet-signit-system-cm805015>
28. **Cryptocurrencies — a growing issue for military, intel agencies and law enforcement** dtd: 19 June 2017; by: Kevin Coleman; published on: C4ISRNET on-line <http://www.c4isrnet.com/articles/cryptocurrencies-a-growing-issue-for-military-intel-agencies-and-law-enforcement>
29. **\$49M For Multi-Domain Wargames Tops PACOM Wishlist** dtd: 20 June 2017; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <http://breakingdefense.com/2017/06/49m-for-multi-domain-wargames-tops-pacom-wishlist/>
30. **Invisible War: 'Dagger' brigade's electronic warfare Soldiers prove concept at NTC** dtd: 20 June 2017; by: Sgt. Michael Roach; published on: Army.mil on-line https://www.army.mil/article/189702/invisible_war_dagger_brigades_electronic_warfare_soldiers_prove_concept_at_ntc
31. **Multi-Domain Battle: AirLand Battle, Once More, with Feeling** dtd: 20 June 2017; by: Shmuel Shmuel; published on: War On The Rocks on-line <https://warontherocks.com/2017/06/multi-domain-battle-airland-battle-once-more-with-feeling/>
32. **Detecting Secret Military Exercises With Micro Satellites, a How-To** dtd: 21 June 2017; by: Patrick Tucker; published on: DefenseOne on-line <http://www.defenseone.com/technology/2017/06/detecting-secret-military-exercises-micro-satellites-how-/138876>
33. **House poised to add billions to Trump's military budget** dtd: 22 June 2017; by: Leo Shane III; published on: Military Times on-line <http://www.militarytimes.com/articles/thornberry-trump-budget-disparity-too-small>
34. **Scientist gets time served for theft of military documents** dtd: 22 June 2017; by: Dave Collins; published on: The Associated Press on-line <https://apnews.com/e34733d5616449eaa2eec4e235c96196/Scientist-gets-time-served-for-theft-of-military-documents>
35. **Report: Russia may have accidentally revealed new military satellites** dtd: 22 June 2017; by: Paige Williams; published on: DefenseNews on-line <http://www.defensenews.com/articles/report-russia-may-have-accidentally-revealed-new-military-satellites>
36. **White Paper: Game-Changing Technologies in Electronic Warfare** dtd: N/A; by: N/A; published on: Military & Aerospace Electronics on-line <http://www.militaryaerospace.com/whitepapers/2017/04/game-changing-technologies-in-electronic-warfare.html?eid=394392948&bid=1782986>
37. **US Army to hold competition for Patriot radar replacement** dtd: 23 June 2017; by: Jen Judson; published on: DefenseNews on-line <http://www.defensenews.com/articles/us-army-to-hold-competition-for-patriot-radar-replacement>

38. **US may forgo using EW capabilities if coalition tech isn't compatible** dtd: 23 June 2017; by: Mark Pomerleau; published on: C4ISRNET on-line <http://www.c4isrnet.com/articles/us-may-forgo-using-ew-capabilities-if-coalition-tech-isnt-compatible>
39. **Electronic Warfare 'Growing'; Joint Airborne EW Study Underway** dtd: 23 June 2017; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <http://breakingdefense.com/2017/06/electronic-warfare-growing-joint-airborne-ew-study-underway/>
40. **ARPA moves to innovate cyber intel capability with real-time threat visualization** dtd: 23 June 2017; by: FifthDomain Staff; published on: FifthDomainCYBER on-line <http://fifthdomain.com/2017/06/23/darpa-moves-to-innovate-cyber-intel-capability-with-real-time-threat-visualization>
41. **When your grandson needs bail money, be careful** dtd: 23 June 2017; by: Mike Causey; published on: Federal News Radio on-line <https://federalnewsradio.com/mike-causey-federal-report/2017/06/when-your-grandson-needs-bail-money-be-careful/>
42. **Conflict Minerals: The Dark Side of the Digital Age Electronics Boom** dtd: 25 June 2017; by: Levi Maxey; published on: The Cipher Brief on-line <https://www.thecipherbrief.com/article/tech/conflict-minerals-dark-side-digital-age-electronics-boom-1092>
43. **Army Lasers Will Soon Destroy Enemy Mortars, Artillery and Drones From Strykers** dtd: 25 June 2017; by: Kris Osborn; published on: Scout.com on-line <http://www.scout.com/military/warrior/story/1677075-army-stryker-laser-incinerates-drones>
44. **House Armed Services panel unveils \$696.5 billion defense authorization bill** dtd: 26 June 2017; by: Joe Gould; published on: DefenseNews on-line <http://www.defensenews.com/articles/hasc-unveils-6965-billion-defense-authorization-bill>
45. **Nett Warrior offers 'intuitive' precision-fire support tool** dtd: 26 June 2017; by: Adam Stone; published on: DefenseNews on-line <http://www.c4isrnet.com/articles/nett-warrior-offers-intuitive-precision-fire-support-too>
46. **DoD IT budget request up 5 percent** dtd: 26 June 2017; by: Mark Pomerleau; published on: C4ISRNET on-line <http://www.c4isrnet.com/articles/dod-it-budget-request-up-5-percent>
47. **Low-Skill Workers Aren't Actually the Ones Most Threatened by Robots** dtd: 26 June 2017; by: Dan Kopf; published on: NextGov on-line http://m.nextgov.com/cio-briefing/wired-workplace/2017/06/low-skill-workers-arent-actually-ones-most-threatened-robots/138971/?oref=nextgov_today_nl
48. **Declassified: Radar Jamming: "Defensive Electronic Countermeasures" May (1962) US Navy Training Film** dtd: 27 June 2017; by: N/A; published on: YouTube on-line <https://www.youtube.com/watch?v=b7TvOsrHujQ>
49. **A guide to military drones** dtd: 27 June 2017; by: Ben Knight; published on: DW on-line <http://www.dw.com/en/a-guide-to-military-drones/a-39441185>
50. **Navy to test-fire laser across Chesapeake Bay** dtd: 27 June 2017; by: Peter Rathmell; published on: Navy Times on-line <https://www.navytimes.com/articles/us-navy-to-test-fire-laser-across-chesapeake-bay>
51. **Can the Army's WIN-T Survive a Russian, Chinese EW Attack?** dtd: 28 June 2017; by: Kris Osborn; published on: RealClear Defense on-line http://www.realcleardefense.com/2017/06/28/can_the_army039s_win-t_survive_a_russian_chinese_ew_attack_294420.html
52. **Electronic Warfare 'Growing'; Joint Airborne EW Study Underway** dtd: 28 June 2017; by: SYDNEY J. FREEDBERG JR; published on: Indian Strategic Studies on-line http://strategicstudyindia.blogspot.com/2017/06/electronic-warfare-growing-joint_28.html
53. **Cyber Quest 2017 helping Fort Gordon with cyber-security efforts** dtd: 28 June 2017; by: Mike Miller; published on: WJBF Channel 6 on-line <http://wjbf.com/2017/06/28/cyber-quest-2017-helping-fort-gordon-with-cyber-security-efforts/>
54. **Average pay for security clearance jobs down slightly since 2014** dtd: 29 June 2017; by: David Thornton; published on: Federal News Radio on-line <https://federalnewsradio.com/pay/2017/06/average-pay-for-security-clearance-jobs-down-slightly-since-2014/>
55. **Wide-angle lens brings focus to future battles** dtd: 29 June 2017; by: Kathryn Bailey; published on: APG News on-line <http://apgnews.com/inside-the-innovation/c4isr/wide-angle-lens-brings-focus-future-battles/>
56. **TRADOC leaders discuss Multi-Domain Battle, future Army during forum** dtd: 29 June 2017; by: Amy Robinson; published on: TRADOC Public Affairs on-line <http://www.jble.af.mil/News/Article-Display/Article/1232794/tradoc-leaders-discuss-multi-domain-battle-future-army-during-forum/>
57. **Army Accelerates Cyber, EW Integration** dtd: 01 July 2017; by: Sandra Jontz; published on: Signal on-line <http://www.afcea.org/content/?q=army-accelerates-cyber-ew-integration>
58. **2017 URSI General Assembly and Scientific Symposium** dtd: 19-26 August 2017; by: N/A; published on: URSI 2017 on-line http://www.ursi2017.org/welcome_e.shtml