



*USNS Miguel Keith, before conversion to a rocket carrier (designation CVR-1). Source: US Navy/Wikimedia Commons.*

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#### NEWS ARTICLES

- This week features several award winning papers on gray zone strategy from The Strategy Bridge.
- There are two opinion pieces, one on AI and the future in warfare, including utility in decreasing civilian casualties and a fictionalized account of warfare in the next decade by Jeffrey Becker, addressing the potential of directed energy and innovation among other things.
- AFRL is having a technology conference this week at Wright Patterson AFB.

- The Marines are re-activating 1<sup>st</sup> Low Altitude Air Defense Battalion, which will have DE Counter-drone capabilities.
- A report discusses China's development of EMP weapons.

#### GRAY ZONE COMPETITION

##### **Factors Influencing Strategy: The Objective-Narrative Nexus**

By Marshall McGurk, The Strategy Bridge, 31 August 2023

In an age of global, near-real-time telecommunications technology fraught with disinformation, misinformation, and malinformation, it is vital that strategists, operational planners, and tacticians understand the importance and ramifications of the absence of clear objectives and a unified narrative during operations

<https://thestrategybridge.org/the-bridge/2023/8/31/factors-influencing-strategy-the-objective-narrative-nexus>

##### **Beyond Joint: The Need for an Interests-Centric Approach to Integrated Campaigning**

By Lawrence Doan, Strategy Bridge, 30 August 2023

In 2018, the Chairman of the Joint Chiefs released the Joint Concept for Integrated Campaigning (JCIC). Three years in the making, this document outlined a paradigm for use of the military, particularly below the threshold of armed conflict, to address broader national security objectives.

<https://thestrategybridge.org/the-bridge/2023/8/30/beyond-joint-the-need-for-an-interests-centric-approach-to-integrated-campaigning>

#### CHINA

##### **Chinese Political Warfare: A Strategic Tautology? The Three Warfares and the Centrality of Political Warfare within Chinese Strategy**

By Pieter Zhao, The Strategy Bridge, 28 August 2023

The United States (U.S.) National Defense Strategy of 2018 prominently stated that the “fundamental” challenge to American national security came from “the re-emergence of long-term strategic competition” by revisionist powers such as Russia, North Korea, and specifically China. It further emphasized that this competition encompassed “all dimensions of power,” with the leadership in Beijing pursuing “efforts short of armed conflict by expanding coercion to new fronts, violating principles of sovereignty, exploiting ambiguity, and deliberately blurring the lines between civil and military goals.”

<https://thestrategybridge.org/the-bridge/2023/8/28/chinese-political-warfare-a-strategic-tautology>

#### U.S. DEPARTMENT OF DEFENSE/DEPARTMENT OF HOMELAND SECURITY

##### **AFRL to showcase plan to 'drive the future fight' with science, technology at Air, Space & Cyber Conference**

By Brian Ripple, AFRL, 7 September 2023

The Air Force Research Laboratory, or AFRL, will showcase exciting new technologies during the Air and Space Forces Association Air, Space and Cyber Conference Sept. 11-13, 2023, at the Gaylord National Hotel and Convention Center in National Harbor, Maryland.

<https://www.dvidshub.net/news/452958/afri-showcase-plan-drive-future-fight-with-science-technology-air-space-cyber-conference>

##### **Marines' Pacific air-defense unit is back with drone-killing abilities**

By Irene Loewenson, Marine Times, 1 September 2023

A Pacific-based Marine air-defense battalion is reactivating and will focus on knocking down threats from the air — including drones — as part of the Marine Corps' overhaul aimed at countering China.

<https://www.marinecorpstimes.com/news/your-marine-corps/2023/09/01/marines-pacific-air-defense-unit-is-back-with-drone-killing-abilities/>

#### OTHER FOREIGN COUNTRIES

##### **China advances EMP weapons, military analysts' report reveals**

By Bill Gertz, The Washington Times, 6 September 2023

Chinese military researchers have made significant advances in developing and testing strategic electromagnetic pulse, or EMP, weapons that can disable electronics on U.S. warplanes and even entire military bases, according to a report by three open-source intelligence analysts.

<https://www.washingtontimes.com/news/2023/sep/6/inside-ring-china-advances-emp-weapons-military-wr/>

### **Vietnam Ministry of Defense Expands Genasys Contract for Naval Frigates**

By Global Newswire, 5 September 2023

Genasys Inc. (NASDAQ: GNSS), the global leader in protective communications solutions, today announced a new, \$1.9 million LRAD-500X-RE and 1000XI order from the Vietnam Military of Defense (MOD).

<https://www.globenewswire.com/news-release/2023/09/05/2737274/24431/en/Vietnam-Ministry-of-Defense-Expands-Genasys-Contract-for-Naval-Frigates.html>

### OPINION/EDITORIAL

#### **Defective control: naval warfare in the Pacific in 2036**

By Jeffrey Becker, The Strategist, 8 September 2023

The Strategist is publishing the second of two pieces by Jeffrey Becker, leading futurist for the US military. 'Defective control' is a fictional account of a naval clash in the Pacific in the 2030s. It aims to illustrate the potential of reusable rockets, directed energy and space capabilities—in the hands of adaptive and innovative people—to win a fight on earth. Hyperlinks are embedded throughout the story to illustrate how some of the ideas are already being put to use.

<https://www.aspistrategist.org.au/defective-control-naval-warfare-in-the-pacific-in-2036/>

#### **The Role of AI in Modern Warfare: A Revolution on the Battlefield**

By FutureWebAI, The Medium, 7 September 2023

One of the most striking applications of AI in warfare is its ability to facilitate precision strikes. Autonomous weapons, driven by AI, can pinpoint and engage enemy positions with unparalleled accuracy. This precision minimizes collateral damage and civilian casualties, fundamentally altering the moral and strategic dimensions of warfare. Moreover, these systems can adapt to dynamic battlefield conditions, making them highly adaptable and effective tools in the modern arsenal.

<https://medium.com/@futureaiweb/the-role-of-ai-in-modern-warfare-a-revolution-on-the-battlefield-db8c1936d368>

### BUSINESS OPPORTUNITIES / SOLICITATIONS

#### **US Military Strengthens Commitment to Genasys Systems**

By Yahoo Finance, 7 September 2023

Genasys Inc. (NASDAQ: GNSS), the global leader in protective communications systems and solutions, today announced new Long Range Acoustic Device (LRAD) orders valued at \$1.6 million from the U.S. Department of Defense (DOD).

[https://nz.finance.yahoo.com/news/us-military-strengthens-commitment-genasys-120000708.html?guccounter=1&guce\\_referrer=aHR0cHM6Ly93d3cuZ29vZ2xILmNvbS8&guce\\_referrer\\_sig=AQAAAH6t3WAJvW-2QO4ci2xxFPp1\\_laGYhfZjwBJ1P4m2M6GtzjmTaVLuxw5Thh0MFobRXUQH4d1XlzlDsY9mGfLBrImrV5z0lea6uBw52YrY37pz9cY7E6DW1kLxnH0aQx6vtMBlxmfvtMVvztJigEI-AJt-xjti53eTO8fu0ktN4RG](https://nz.finance.yahoo.com/news/us-military-strengthens-commitment-genasys-120000708.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xILmNvbS8&guce_referrer_sig=AQAAAH6t3WAJvW-2QO4ci2xxFPp1_laGYhfZjwBJ1P4m2M6GtzjmTaVLuxw5Thh0MFobRXUQH4d1XlzlDsY9mGfLBrImrV5z0lea6uBw52YrY37pz9cY7E6DW1kLxnH0aQx6vtMBlxmfvtMVvztJigEI-AJt-xjti53eTO8fu0ktN4RG)

LINK TO DEPARTMENT OF DEFENSE NON-LETHAL WEAPONS PROGRAM WEBSITE:

<http://jnlwp.defense.gov>

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