



Center for Strategic and Budgetary Assessments

IN THE NEWS

Crash Dive: America's Pending Submarine Shortfall

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Related Experts: Bryan Clark, Peter Haynes, Timothy A. Walton, Jesse Sloman

Another alternative structure, developed by Bryan Clark at the Center for Strategic and Budgetary Assessments, proposes a fleet architecture “to provide the United States an advantage in great power competition with China and Russia or against capable and strategically located regional powers such as Iran.”... As advancements in technology continue to improve the undersea surveillance and monitoring capacity of long-loiter unmanned systems, unmanned undersea operations will be the next frontier in naval warfare. As Bryan Clark notes: “With computer processing power continuing to rapidly increase and become more portable, dramatic breakthroughs are imminent in undersea sensing, communications, and networking. Advancements are also underway in power generation and storage that could yield significant increases in the endurance, speed, and capability of unmanned vehicles and systems. These improvements would compel a comprehensive reevaluation of long-held assumptions about the operational and tactical employment of undersea capabilities, as well as the future design of undersea systems.”