

## Office of Naval Research Naval Science & Technology (S&T) Strategic Plan: Tomorrows Technologies for Our Warfighters Across All Domains - Military Research, Unmanned Systems, Expeditionary Warfare



This is the third iteration of the Naval Science & Technology Strategic Plan, and it reflects the evolution of future requirements combined with the fiscal realities of today. We have tightened the number of S&T Focus Areas, adjusted our investment strategy and streamlined processes to leverage innovations that can meet emerging requirements and quickly transition new technologies. Developed in collaboration with stakeholders and approved by the S&T Corporate Board, this plan has three principal goals: (1) align Naval S&T with Naval mission and future capability needs; (2) balance and manage the S&T portfolio; and (3) communicate the S&T vision and approach to senior decision-makers, key stakeholders, partners, customers, and performers. In approving this plan, the S&T Corporate Board emphasized the need for increased senior Navy and Marine Corps leadership engagement in the S&T process with the goal of providing greater clarity on the Fleet and Force demand signals and focusing future capability investments, critical in the anticipated fiscal environment. The Naval Science and Technology (S&T) Strategic Plan describes how the Office of Naval Research (ONR) sponsors scientific research efforts that will enable the future operational concepts of the Navy and the Marine Corps. Department of Defense (DoD) and Department of the Navy (DON) strategic documents provide the basic foundation for this plan. The priorities of the Secretary of the Navy (SECNAV), Chief of Naval Operations (CNO) and Commandant of the Marine Corps (CMC) are reflected in the shape of the investment portfolio and nine S&T Focus Areas outlined in the plan. This is a broad strategy that articulates a general direction for the future, while retaining sufficient flexibility and freedom of action to meet emerging challenges or alter course as directed by senior Naval leadership. The

Navy and Marine Corps depend on S&T to discover, develop and demonstrate high-payoff, game-changing technologies to ensure the Fleet/Force retain a significant advantage over potential adversaries. This plan enables tomorrows technologies for our warfighters across all domains.

Foreword \* Science & Technology Corporate Board Decision Memorandum \* Chapter 1 \* Introduction \* Chapter 2 \* Background \* Management Approach \* S&T Outputs \* S&T Enablers \* Chapter 3 \* Strategy Development \* Hedging Against Uncertainty \* Strategy Process \* Strategy Timeframe \* S&T Taxonomies \* Chapter 4 \* Naval S&T Focus Areas \* Assure Access to the Maritime Battlespace \* Autonomy and Unmanned Systems \* Expeditionary and Irregular Warfare \* Information Dominance \* Platform Design and Survivability \* Power and Energy \* Power Projection and Integrated Defense \* Total Ownership Cost \* Warfighter Performance \* Chapter 5 \* Implementation \* Discovery and Invention \* Leap Ahead Innovations \* Acquisition Enablers \* Quick Reaction and Other S&T \* Speed to Fleet \* Naval Research Laboratory \* Global Technology Awareness \* ONR Global \* Naval Research Enterprise \* National Naval Responsibilities \* Science and Engineering Workforce \* Science, Technology, Engineering and Mathematics \* Development and Sustainment \* Interagency Coordination and Alliance \* Measuring Success \* Business Processes \* Chapter 6 \* Execution \* Chapter 7 \* Summary

[\[PDF\] Inside Pro/ENGINEER 2001, 3E](#)

[\[PDF\] Preparation of Nuclear Targets: A Comprehensive Bibliography \(IFI Data Base Library\)](#)

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**2011 S&T Strategic Plan vFINAL+** Military Research, Unmanned Systems, Expeditionary Warfare by David N.

Spires. Tomorrows Technologies for Our Warfighters Across All Domains - Military Research, Unmanned Systems, Expeditionary Warfare The Naval Science and Technology (S&T) Strategic Plan describes how the Office of **BAA - Office of Naval Research** - 2016 PEO LS Advanced Technology Investment Plan 5 with Science and Technology (S&T) stakeholders investing and transition gap-closing technologies to a POR. cornerstone of our national military strategy. integral part of the larger Naval Research Enterprise Directorate, MCWL, ONR, Marine Corps Systems. **Section 6 PEO LS PROGRAMS Advanced Technology Investment** Table 2: DOD 2017 Basic Research Budget funding pertinent to Universities Swarming Weapons Technologies Counter Unmanned Air Systems and Force Protection . <http://en/Science-Technology/Directorates/office-> . Army Research Laboratory S&T Campaign Plans 2015 -2035. **Naval Science & Technology Strategy- Office of Naval Research** ONR BAA Announcement # ONRBAA15-001. Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology. **Unmanned Systems Integrated Roadmap - Department of Defense** Naval Research (ONR) sponsors scientific research efforts that will enable the future This plan enables tomorrows technologies for our warfighters across all Naval S&T Vision: Sponsor scientific research and technology to: exploitation of the extended space domain and that provide capabilities for achieving. **Office of Naval Research Naval Science & Technology (S&T** The Naval Science and Technology (S&T) Strategic Plan describes how the. Office of Naval Research (ONR) will implement our strategy by making technological superiority advantage of our Naval forces. . effort to produce higher payoff for the warfighters. .. assess operational options across all relevant domains. **N00014-16-R-BA01 Amendment 0006 - Office of Naval Research** established in the Naval S&T Strategy. Our USW S&T investment portfolio attempts to balance near-term needs without sacrificing basic research or the pursuit **Office of Naval Research Naval Science & Technology (S&T 2015 Naval S&T Strategy - (S&T) Strategic Plan: Tomorrows Technologies For. Our Warfighters Across All Domains - Military. Research, Unmanned Systems, Expeditionary Warfare.** The Naval Science and Technology (S&T) Strategy describes how the Office of Naval The Office of Naval Research released the updated Naval Science and S&T investment priorities are reflected in the allocation of funds across four The ONR mission, defined in law, is to plan, foster and encourage scientific **BAA - Office of Naval Research - Scientists and engineers at the Naval Research. Laboratory (NRL), naval warfare centers, naval systems commands and across our partners in industry and. Guide to FY2010 Department of Defense (DOD - Research USC and Marine Corps Science and Technology** The Office of Naval Research (ONR) will not issue paper copies of this announcement. policy of ONR to treat all proposals submitted under this BAA as sensitive . seeks to provide tomorrows small unit naval expeditionary war fighters with the precise. **The Office of Naval Research - Science and Technology in Support** Read Office of Naval Research Naval Science & Technology (S&T) Strategic for Our Warfighters Across All Domains - Military Research, Unmanned Systems, **Long Range Broad Agency Announcement (BAA) - Office of Naval** Office of Naval Research Naval Science & Technology (S&T) Strategic Plan: Tomorrows Technologies for Our Warfighters Across All Domains - Military **Shaping Defence Science and Technology in the Maritime Domain** environment, and current maritime science and technology support to Australia, operate over long distances to conduct independent combat operations in our region, and Plan Pelorus, the Navys strategy to 2018, signals an evolution in how the domain. Research and development is required in the folowing areas:. **(S&T) Strategic Plan: Tomorrows Technologies for Our Warfighters** The Navy Expeditionary Combat Command (NECC) Science and Commands, Warfare Centers, Office of Naval Research (ONR), U.S. Fleet Forces Command **COLLABORATING TO LEVERAGE EMERGING TECHNOLOGIES** Office of Naval Research Naval Science & Technology (S&T) Strategic Plan: Tomorrows Technologies for Our Warfighters Across All Domains - Military Research, Unmanned Systems, Expeditionary Warfare - Kindle edition by Department of Defense (DoD), World Spaceflight News, U.S. Military, Office of Naval Research **I wanted to take an opportunity because in unfortunately the 5 or 6** Naval S&T Strategic Plan: Defining the Strategic Direction for. Tomorrow. 5a. ONR is the science and technology provider for the Department of the Navy (DON) and as which includes ONR, the Naval Research Laboratory (NRL), senior systems commanders, Achieved persistent, distributed surveillance in all domains. **peo ls s&t collaboration and engagement - Defense Innovation** The purpose of this Roadmap is to articulate a vision and strategy for the continue to reduce lifecycle costs across all systems, including unmanned systems. also describes how limited science and technology funding will potentially impact Consequently, air, land, and naval forces in the DoD planning cycle will be **Naval S&T Strategic Plan - Defense Technical Information Center** 2014 PEO LS Advanced Technology Investment Plan i is edition of the ATIP, our fifth, is consistent with previously published ATIPs and emphasizes our (S&T) venues to provide gap-closing

capabilities to the warfighter. . of Naval Research (ONR), Marine Corps Systems . Science and Technology, within the Defense. **Office of Naval Research Naval Science & Technology (S&T)** Office of Naval Research Naval Science & Technology (S&T) Strategic Plan: Tomorrows Technologies for Our Warfighters Across All Domains - Military Research, Unmanned Systems, Expeditionary Warfare eBook: Department of Defense (DoD), World Spaceflight News, U.S. Military, Office of Naval Research (ONR), U.S. **Office of Naval Research Naval Science & Technology (S&T)** The Office of Naval Research (ONR) will not issue paper copies of this announcement. policy of ONR to treat all proposals submitted under this BAA as sensitive For Navy and Marine Corps Science, Technology, Engineering . seeks to provide tomorrows small unit naval expeditionary war fighters with the precise. **2011 S&T Strategic Plan vFINAL+ - Office of Naval Research** Military Research, Unmanned Systems, Expeditionary Warfare by David N. Spires. Tomorrows Technologies for Our Warfighters Across All Domains - Military Research, Unmanned Systems, Expeditionary Warfare The Naval Science and Technology (S&T) Strategic Plan describes how the Office of **Naval S&T Strategic Plan - Defense Technical Information Center** Military Research, Unmanned Systems, Expeditionary Warfare by David N. Spires. Tomorrows Technologies for Our Warfighters Across All Domains - Military Research, Unmanned Systems, Expeditionary Warfare The Naval Science and Technology (S&T) Strategic Plan describes how the Office of **Office Of Naval Research Naval Science & Technology (S&T** 2017 PEO LS Advanced Technology Investment Plan i collaboration with the Office of Naval Research. (ONR), Army Tank Automotive **PEO LS 2017 Advanced Technology Investment Plan (ATIP)** This plan enables tomorrows technologies for our warfighters across all domains. Naval S&T Vision: Sponsor scientific research and technology to: Pursue **NECC Strategic Plan - Defense Technical Information Center** The FY 2016 Navy budget supports Department of Defense (DoD) Naval Science and Technology Strategy of researchers investigating topics that involve multiple technical disciplines. Naval Expeditionary Maneuver Warfare, Capable Manpower, Force . S&T improves our reach across all domains. **Smashwords Military Science** and Marine Corps Science and Technology policy of ONR to treat all proposals submitted under this BAA as . and efficiencies of our platforms and systems and is interested in to provide tomorrows small unit naval expeditionary war fighters with contested electromagnetic and cyberspace domains.