

PACIFIC DETERRENCE INITIATIVE



**Department of Defense Budget
Fiscal Year (FY) 2023**

**Office of the Under Secretary of Defense (Comptroller)
April 2022**

The estimated cost of this report or study for the Department of Defense is approximately \$91,880 for the 2022 Fiscal Year. This includes \$33,500 in expenses and \$58,380 in DoD labor.

Generated on March 23, 2022

PACIFIC DETERRENCE INITIATIVE (PDI)

TABLE OF CONTENTS	PAGE
OVERVIEW	5
<u>PDI CATEGORIES</u>	
MODERNIZED AND STRENGTHENED PRESENCE	7
IMPROVED LOGISTICS, MAINTENANCE CAPABILITIES, AND PREPOSITIONING OF EQUIPMENT, MUNITIONS, FUEL AND MATERIEL	13
EXERCISES, TRAINING, EXPERIMENTATION, AND INNOVATION	16
INFRASTRUCTURE IMPROVEMENTS TO ENHANCE RESPONSIVENESS AND RESILIENCY OF U.S. FORCES	20
BUILDING THE DEFENSE AND SECURITY CAPABILITIES, CAPACITY AND COOPERATION OF ALLIES AND PARTNERS	23
IMPROVED CAPABILITIES AVAILABLE TO U.S. INDO-PACIFIC COMMAND (JOINT AND ENABLING HEADQUARTERS CAPABILITIES)	26
TABLE 1 - PDI FUNDING BY CATEGORY	28
TABLE 2 - PDI FUNDING BY COMPONENT	29
TABLE 3 - PDI FUNDING BY APPROPRIATION TITLE	30

Pacific Deterrence Initiative

Pacific Deterrence Initiative

OVERVIEW

The Department is prioritizing the multi-domain threat posed by China; a great deal of the Department's investments and efforts are focused on this threat and strengthening Indo-Pacific deterrence. The Pacific Deterrence Initiative (PDI) is a key subset of these endeavors capturing the Department's efforts and investments that strengthen regional deterrence. PDI emphasizes elements within the FY 2023 President's Budget (PB) request that respond to congressional direction to highlight investments focused on the Indo-Pacific region. The investments under PDI develop capabilities, operational concepts, and planning to strengthen deterrence in the Indo-Pacific. The FY 2023 PDI is a \$6.1 billion subset of the Department's FY 2023 PB request, not a separate fund. It consists of targeted investments that enhance U.S. force posture, infrastructure, presence, and readiness, specifically in the Indo-Pacific region, west of the International Date Line (IDL).

The PDI investments for FY 2023-2027 highlight key efforts towards modernizing and strengthening DoD's presence; improving logistics, maintenance, and pre-positioning; carrying out exercises, training, and experimentation; improving infrastructure; and building defense capabilities of allies and partners in the Indo-Pacific region. These include investments in U.S. Indo-Pacific Command's (USINDOPACOM) priorities for Guam missile defense, the Pacific Multi-Domain Training and Experimentation Capability (PMTEC) network of training ranges for U.S. and ally/partner forces, and the Mission Partner Environment (MPE) framework for multinational information sharing. PDI also funds a myriad of other key capabilities and assets to improve deterrence and U.S. response capabilities in the region, as well as regional exercises and associated construction. These investments are only a small portion of DoD's broad Joint Force investments included in the FY 2023 PB request.

PDI investments, however, are not the totality of DoD resourcing and activities that support warfighting effectiveness, deterrence, and competition for the Indo-Pacific; in fact, the majority of DoD investments have applicability, directly or indirectly, in support of this strategic imperative. In close consultation with Congress and in accordance with legislation, the Department has made modifications to this year's PDI display to ensure it is closely scoped on the Indo-Pacific region. Accordingly, DoD has excluded in the PDI display investments or activities that are:

- 1) designed to address or deter broader strategic threats;
- 2) easily transferrable between theaters; or
- 3) routine activities and exercises.

Pacific Deterrence Initiative

The intent of these guidelines is to ensure PDI serves as a regionally-focused and useful framework for understanding and measuring specific investments. Additionally, consistent with legislation, DoD has organized PDI investment displays according to the following six categories:

1. Modernized and Strengthened Presence
2. Improved Logistics, Maintenance Capabilities, and Prepositioning of Equipment, Munitions, Fuel, and Materiel
3. Exercises, Training, Experimentation, and Innovation
4. Infrastructure Improvements to Enhance Responsiveness and Resiliency of U.S. Forces
5. Building the Defense and Security Capabilities, Capacity and Cooperation of Allies and Partners
6. Improved Capabilities Available to U.S. Indo-Pacific Command (joint and enabling headquarters capabilities).

The DoD's FY 2023 PB request includes \$6.1 billion in targeted investments to specific programs for PDI, per the categories listed above. As shown, PDI includes Military Construction, including planning and design (P&D) for enhanced resilience operating locations west of the IDL. The PDI, and DoD investments and activities, more broadly demonstrate the U.S. commitment to preserving a free and open Indo-Pacific. The DoD is focused on maintaining and extending our military advantage in the region, paced to threats posed by the (People's Republic of China) PRC, while deterring and countering the destabilizing actions of North Korea.

Pacific Deterrence Initiative

MODERNIZED AND STRENGTHENED PRESENCE (\$1,814.8 million) – China is a pacing challenge and has made great strides in modernizing and strengthening their forces and capabilities. To win in an Indo-Pacific theater contingency, it is imperative that the U.S. modernizes and strengthens aging capabilities and assets while investing in a more resilient, survivable, strategic presence to be competitive in the world arena. Forward based and rotational Joint Forces armed with the right capabilities demonstrate resolve, assure allies and partners, and provide flexible response options in a credible way. DoD must posture the force to permit effective and timely employment to credibly deter and/or decisively engage in a future fight, if necessary. The FY 2023 PDI investments help ensure that the U.S. is best equipped, trained, and positioned to accomplish these goals.

Department of the Army (\$377.2 million)

- **Operating Forces and Investment**

Description: Department of the Army activities under the Modernized and Strengthened Presence category include funding and investments across multiple programs:

Operation and Maintenance: Support for security operations for a Tier 1 communications asset in support of the Korean peninsula.

Army Integrated Air and Missile Defense (AIAMD) Battle Command system: Provides funding for fire control connectivity and distributed operations. Army Research, Development, Technology and Evaluation (RDT&E) funding supports the AIAMD program which provides advanced capabilities to the Army through agile software development and a network-centric System of Systems capability (also referred to as "Plug and Fight") that integrates Air and Missile Defense (AMD) sensors and weapons with the IAMD Battle Command Systems Engagement Operations Center.

Sentinel Modernization: Provides funding for a key component of the AIAMD architecture, delivering multi-mission hemispherical engagement to U.S. and allied forces of incoming airborne threats.

PATRIOT Mods: Provides funding to implement critical capability, readiness and sustainability modifications to the weapon system, maintains integrated logistics support, and supports materiel solutions to counter cybersecurity and electronic warfare shortcomings to all elements of the Lower Tier Battle Space. Funding supports International Engineering Services Program; Integrated Logistics Support; U.S. Unique Engineering Services; System Engineering and Technical Analysis activities supporting Reliability, Availability, and Maintainability Mods; Recapitalization; Battery Command Post/ Tactical Command System /Computer Software Module Mod; Communications Obsolescence Upgrade, (Dismounted) Patriot Information Coordination Central, Assured Position, Navigation, and Timing, continued unit Operational Needs Statement fielding support while awaiting the Army standard solution, and Report Rocket Classification.

Pacific Deterrence Initiative

Army Watercraft Extended Service Program (ESP): Provides funding for three critical modernization efforts, which includes the Landing Craft Utility 2000 (LCU) Service Life Extension Program (SLEP), the Modular Causeway System (MCS) SLEP, and the Modernized Integrated Bridge System (MIBS). Timing of Army Watercraft Systems (AWS) modernization is critical to overall AWS Transformation Strategy in parallel with USINDOPACOM force structure and stationing considerations.

Laser Target Locator System: Provides funding for support to the Close Combat Soldier in the area of situational awareness. This program provides funding to procure the Laser Target Locator Module (LTLM) and laser aiming devices. LTLM is a lightweight, handheld, laser target locator module with day and thermal sight capability as well as an internal Global Positioning System (GPS) receiver. LTLM provides the dismounted observer or Scout a fully digital, handheld system to accurately determine target location and the ability to call for fire during all weather and lighting conditions. LTLM improves speed, accuracy, and safety of use over previous systems of this type (e.g., Laser Target Locator System (LTLS)). Provides LTLM for one Brigade Combat Team in the U.S. Indo-Pacific Command Area of Responsibility, assisting in the precision single-shot engagement of targets.

Ronald Reagan Ballistic Missile Defense Test Site: Provides funding for Ronald Reagan Ballistic Missile Defense Test Site (RTS) instrumentation systems. These funds provide modernization of the radar, telemetry, optics, range safety, communications, command/control and other equipment essential to meet test and evaluation requirements of the Services and DoD agencies. The funding also covers operations and mission support functions at the Ronald Reagan Ballistic Missile Defense Test Site and is managed by the U.S. Army Space and Missile Defense Command (USASMDC) Technical Center. Provides funding for management and contracting personnel support (salaries and travel) to enable the planning and execution of the test and evaluation of major Army and DoD missile systems. Funds also provide contracting support for end item procurement, life cycle acquisition planning, and solicitation, negotiation, award, execution and management for instrumentation and integration contracts.

Strategic Medium Mid-Range Capability (MRC): Provides funding for the MRC prototype, consisting of launchers, missiles, and a battery operations center, designed to hit a variety of mid-range targets. This capability will complement other critical systems in the Army's long-range fires portfolio, providing a combined operational and strategic capability that can attack specific threat vulnerabilities in order to penetrate, disintegrate and exploit targets in deep maneuver areas critical to the joint fight. The capability also allows the Army and joint service partners to synchronize and leverage modernization efforts and investments across mid-range missile programs in support of multi-domain operations.

Pacific Deterrence Initiative

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Army	Missile Procurement, Army	Modification of Missiles	Patriot Mods	0214401A	67,000
	Operation & Maintenance, Army	Operating Forces	Force Readiness Operations Support	0203803A	939
	Other Procurement, Army	Communications and Electronics Equipment	IAMD Battle Command System	0214400A	69,000
			Night Vision Devices	0211700A	9,298
			Sentinel Mods	0214400A	91,000
	Research, Development, Test & Eval, Army	Other Support Equipment	Army Watercraft Esp	0216300A	30,113
		Management Support	Major T&E Investment	0604759A	3,109
			Ronald Reagan Ballistic Missile Defense Test Site	0606002A	21,763
		System Development & Demonstration	Army Integrated Air and Missile Defense (AIAMD)	0605457A	80,000
			Strategic Mid-Range Capability	0605235A	5,016
Grand Total					377,238

Department of the Navy (\$898.6 million)

- Operating Forces**

Description: DoN activities under the Modernized and Strengthened Presence category include funding for the Marine Corps' steady-state presence of III Marine Expeditionary Force (MEF) ground and aviation assets stationed and deployed west of the IDL. Marine Corps activities include the III MEF operating budget, which supports its Training and Exercise Employment Program (TEEP), intermediate and organizational maintenance, logistics, and depot level repairs. Marine Rotational Force – Darwin (MRF-D) trains to designated expeditionary operation tasks, enhances U.S.-Australian interoperability and conducts regional engagement in order to prepare for crisis and contingency response, advances Marine Corps warfighting concepts, enhances regional security, and demonstrates the strength of the U.S.-Australian Alliance. Finally, the 31st Marine Expeditionary Unit (MEU) provides a forward deployed, flexible sea-based Marine Air Ground Task Force capable of conducting amphibious operations, crisis response and limited contingency operations. The Marine Corps Flying Hour Program provides resources to ensure combat readiness through training, maintenance, and deployments supporting the III MEF TEEP, Unit Deployment Program and 31st MEU. Marine Corps installations west of the IDL support operational requirements and war-fighter readiness. Installations include Marine Corps Base (MCB) Camp Butler, Marine Corps Air Station (MCAS) Iwakuni, MCAS Futenma, Camp Mujuk and Camp Fuji. Navy funding in this category includes the Joint Intelligence Operations Center that provides all source intelligence to war-fighters, planners and policy makers in USINDOPACOM's Area of Responsibility (AOR). Additionally, this funding supports USINDOPACOM in all aspects of Cyberspace Activities specifically intended to secure, defend and preserve data, networks, net-centric capabilities, and other designated systems by ensuring security controls and measures are in place, and taking internal

Pacific Deterrence Initiative

defense actions. This includes access to system controls, monitoring, administration, and integration of cybersecurity into all aspects of engineering and acquisition of cyberspace capabilities. Finally, these activities include implementation, evaluation, and disposal of information technology and services, as well as, information resources management, and the management, storage, transmission, and display of data and information.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Navy	Operation & Maintenance, Marine Corps	Operating Forces	Base Operating Support	0202056M	2,609
				0202057M	937
				0206479M	42,565
				0208212M	3,720
				0208532M	2,253
				0208534M	3,299
				0208538M	222
				0208540M	3,847
				0208541M	1,776
				0208550M	25
				0208553M	826
				0208853M	886
				0208854M	790
				0360111M	3,002
				0390110M	7
				0701111M	652
				0708542M	4,747
				0808519M	12,308
				0808520M	8,219
				0808530M	16,603
				0808738M	964
				0901212M	78
			Operational Forces	0202150M	30,359
				0206126M	21,691
				0206211M	85,401
				0206312M	114,132
				0206315M	18,087

Pacific Deterrence Initiative

Funding Details (continued):

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
	Operation & Maintenance, Navy	Operating Forces	Combatant Commanders Direct Mission Support	0201160N	50,304
			Mission and Other Flight Operations	0204146M	9,781
				0204212M	217
				0206113M	52,723
				0206121M	91,809
				0206122M	63,832
				0206127M	65,058
				0206131M	166,116
				0206134M	15,487
				0207257N	3,097
			Weapons Maintenance	0204228N	64
				0205676N	56
				0305111N	3
				0702207N	2
				0702228N	14
				0708012N	14
Grand Total					898,582

DEFENSE-WIDE (\$539.0 million)

- Missile Defense Agency (MDA)**

Description: MDA activities under the Modernized and Strengthened Presence category include funding for development of a Missile Defense System (MDS) for the defense of Guam against ballistic, hypersonic and cruise missile threats. This includes MDA integration of systems and efforts between MDA, U.S. Army, and U.S. Navy systems, leveraging the FY 2022 analysis, architecture development, and siting results to begin developing and fielding a MDA multi-faced distributed land-based radar, Army cruise missile defense sensors, integrated command centers, communications across strategic assets on Guam, and multiple launchers. The architecture acquisition process also provides environmental, engineering, and interoperability activities to balance costs and associated risks. The inter-Department partnership will plan appropriate flight tests to validate Defense of Guam MDS capabilities. MDA will also begin P&D efforts for Military Construction projects to support the Guam Architecture. MDA will begin procuring long lead weapon system components needed to support the Defense of Guam Architecture. This includes Fire Control System, Common Display, and processing equipment.

Pacific Deterrence Initiative

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Missile Defense Agency	Military Construction, Defense-Wide	Planning & Design	Planning and Design	0603890C	39,000
	Procurement, Defense-Wide	Major Equipment	Defense of Guam Procurement	0208902C	26,514
	Research, Development, Test & Eval, DW	Advanced Component Development & Prototypes	AEGIS BMD	0603892C	45,000
			Ballistic Missile Defense Command & Control, Battle Management & Comm.	0603896C	20,000
			Ballistic Missile Defense Test	0603914C	7,000
			BMD Enabling Programs	0603890C	18,000
			Guam Defense Development	0604102C	383,486
Grand Total					539,000

Pacific Deterrence Initiative

IMPROVED LOGISTICS, MAINTENANCE CAPABILITIES, AND PREPOSITIONING OF EQUIPMENT, MUNITIONS, FUEL, AND MATERIEL (\$302.8 million) – Current theater logistics posture and capability to sustain the force are inadequate to support operations specifically in a contested environment. The Department requires a logistics and sustainment posture west of the IDL built around a tactical and commercial distribution network that integrates service specific sustainment capabilities to provide joint and combined logistics solutions.

Department of the Army (\$167.0 million)

- Mobilization and Equipment**

Description: Department of the Army activity under Improved Logistics, Maintenance Capabilities, and Prepositioning of Equipment, Munitions, Fuel, and Materiel category includes funding and investments across multiple programs:

Operation and Maintenance: Army-Preposition Stock (APS-4) Indo-Pacific equipment maintenance and operations and support costs for Army Watercraft unit sets, equipment sets, munitions, operational projects and sustainment stocks.

Maneuver Support Vessel (Light) – MSV(L): Provides funding for upgraded capabilities such as higher operational speed, reduced draft and increased payload to support expeditionary movement and maneuver of tailored forces and combat power to mitigate Anti-Access/Area Denial (A2/AD) operational environments.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Army	Operation & Maintenance, Army	Mobilization	Army Prepositioned Stocks	0208031A	52,652
				0406030A	1,587
			Strategic Mobility	0406029A	8,092
	Operation & Maintenance, Army Res	Operating Forces	Echelons Above Brigade	0532538A	32
	Other Procurement, Army	Other Support Equipment	Maneuver Support Vessel (MSV)	0216300A	104,676
Grand Total					167,039

Pacific Deterrence Initiative

Department of the Navy (\$6.8 million)

- Operating Forces**

Description: DoN activities under the Improved Logistics, Maintenance Capabilities, and Prepositioning of Equipment, Munitions, Fuel, and Materiel category include funding for the Fleet Marine Forces Pacific Afloat Prepositioning TEEP, which strengthens alliances and partnerships by demonstrating rapid employment of naval expeditionary forces through exercises such as FREEDOM BANNER, BALIKATAN and COBRA GOLD. Additionally, Navy funding in this category supports operation and administration of the USINDOPACOM headquarters staff, including civilian personnel, travel, supplies and training

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	PE	FY 2023 (\$ in thousands)
Department of the Navy	Operation & Maintenance, Marine Corps	Operating Forces	Maritime Prepositioning	0208034M	2,568
	Operation & Maintenance, Navy	Operating Forces	Combatant Commanders Core Operations	0201490N	4,200
Grand Total					6,768

DEFENSE-WIDE (\$129.0 million)

- Defense Logistics Agency (DLA)**

Description: DLA Indo-Pacific is the agency's primary liaison to U.S. Indo-Pacific Command, U.S. Forces Korea, U.S. Forces Japan and Alaska Command and provides a unified DLA interface for war-fighters throughout the USINDOPACOM AOR, integrating DLA support within the region and reaching back to other DLA activities in the continental United States for logistics solutions. Construction of the Bulk Storage Tanks project in Iwakuni, Japan supports improved logistics in the Indo-Pacific region by providing additional jet fuel storage capacity at MCAS Iwakuni and enables strategic enroute refueling operations, strategic airlift, and force projection in the Pacific. Bulk tanks will store the war reserve jet fuel required to sustain contingency operations pending resupply by tanker ships. This system also permits more economical fuel resupply and reduces the number of resupply cycles to support the Air Station's requirements. Without this critical project, MCAS Iwakuni will continue to function with insufficient jet fuel storage to meet contingency requirements. The ripple effect of backing-up requirements at other USINDOPACOM locations due to insufficient storage impacts the overall storage capabilities throughout USINDOPACOM.

Additionally, Yokota Air Base, Japan does not have sufficient on-site fuel storage capacity to support extended operational needs required by United States Forces Japan (USFJ). With the construction of Bulk Storage Tanks Phase 1 (Increment 2), requirements for additional fuel storage to extend Pacific region airlift operations provides the capability to receive commercial Jet A-1 in order to comply with new DLA Energy fuel acquisition strategy, along with satisfying requirements for direct fuel transfer capability

Pacific Deterrence Initiative

between the Eastside Fuel and train offload facilities.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Location Title	State Country Title	Program Element	FY 2023 (\$ in thousands)
Defense Logistics Agency	Military Construction, Defense-Wide	Major Construction	PDI: Bulk Storage Tanks PH 1	Iwakuni	Japan	0702976S	85,000
			PDI: Bulk Storage Tanks PH I (INC)	Yokota AB	Japan	0701111S	44,000
Grand Total							129,000

Pacific Deterrence Initiative

EXERCISES, TRAINING, EXPERIMENTATION, AND INNOVATION (\$2,282.4 million) – U.S. forces must exercise to maintain peak effectiveness, in concert with allies and partners. The dynamically changing nature of new threats, emerging technology and adversary capabilities necessitate the development of new integrated training, adapting tactics and technology training combat formations to employ advanced capabilities within warfighting concepts to develop familiarity and proficiency in the operational environment. The Department must ensure forces are training in potential scenarios for both near term contingencies and a future war fight, in order to best deter potential aggression. The FY 2023 PDI funds enhanced Joint Force participation in exercises, experimentation and innovation, which: (1) provides for the overall readiness and interoperability of U.S. forces across all domains; (2) improves the interoperability of U.S. Forces with our Indo-Pacific allies and theater partners; (3) allows for a greater understanding of both the physical and political environments in which the forces are operating within; and (4) tests new warfighting concepts to improve effectiveness.

Department of the Army (\$754.1 million)

- **Operating Forces and Kwajalein support**

Description: Department of the Army activities under the Exercises, Training, Experimentation, and Innovation category include funding and investments across multiple programs:

Operation and Maintenance: Provides funding to conduct Operation Pathways, a large-scale deployment exercise designed to build strategic readiness and interoperability with partners and allies in the Pacific theater. This exercise also focuses on expanding access, having persistent presence, and excelling in a competitive space.

Army Kwajalein Atoll: Provides funding for preventive maintenance and repair necessary to sustain 1,477 facilities on Kwajalein, Roi-Namur, and nine other leased islands, totaling 2.6 million square feet. Funding also provides Base Operations / Installation Services Support for United States (U.S.) Army Kwajalein (USAKA) Garrison. Base Operations / Installation Services Support is a critical enabler to ensure continuity of operations supporting Test and Evaluation and Space Operations of the Ronald Reagan Ballistic Missile Test Site in its role as a Major Range and Test Facility Base Activity. Installation Services Support consists of: Utility Services; logistical (fuel/transportation) operations support requirements; Medical/Dental Services; Education (K-12) Services; Food/Grocery Services; Contracted Security Guards; and Aviation/Marine support. RDT&E funding also funds the restoration and modernization of USAKA degraded infrastructure (Real Property/facilities) to working condition and upgrades facilities to meet current standards. The RDT&E funding provides Network Enterprise Technology Command installation management-related Command, Control, Communications, Computers, and Information Management services at Army Kwajalein Test Ranges.

Pacific Deterrence Initiative

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Army	Operation & Maintenance, Army	Administration and Service-Wide Activities	Servicewide Communications	0305169A	9,583
		Operating Forces	Echelons Above Brigade	0202158A	13,538
			Force Readiness Operations Support	0202214A	25,580
				0202218A	4,851
			Maneuver Units	0202117A	397,574
	Research, Development, Test & Eval, Army	Management Support	Army Kwajalein Atoll	0605301A	302,924
Grand Total					754,050

Department of the Navy (\$137.7 million)

- Operating Forces & Investment Activities**

Description: DoN activities in the Exercises, Training, Experimentation, and Innovation category include funding for USINDOPACOM Combatant Commander's core operations headquarters staff, including civilian personnel, travel, supplies and training. Additionally, activities in this category support USINDOPACOM's ability to promote security and peaceful development in the Asia-Pacific region by deterring aggression, advancing regional security cooperation, responding to crises, and fighting to win. The Joint Intelligence Operations Center provides all source intelligence to war-fighters, planners and policy makers in the USINDOPACOM AOR. USINDOPACOM accomplishes experimentation by integrating and improving elements of existing ranges, training areas and test facilities in the Pacific to provide a multi-domain test training and experimentation capability. This capability will enable USINDOPACOM to strengthen the overall readiness and interoperability of U.S. forces across all domains and to test new warfighting concepts to improve joint force lethality. This funding also provides additional funding for Navy PMTEC range enhancements to include network design, establishment of war gaming analysis, and establishment of an exercise experimentation program in support of the joint battle problem. Marine Corps funding in this category supports Fleet Marine Forces Pacific theater training exercises and unit readiness to attain combat qualified levels of operational and sustainment capabilities and further enhance theater partner engagements.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Navy	Operation & Maintenance, Marine Corps	Operating Forces	Operational Forces	0206312M	43,593
	Operation & Maintenance, Navy	Operating Forces	Combatant Commanders Direct Mission Support	0201114N	66,519
			Warfare Tactics	0204571N	9,000
	Other Procurement, Navy	Ships Support Equipment	Operating Forces Ipe	0201490N	2,800
	Research, Development, Test & Eval, Navy	Management Support	Management, Technical & International Support	0605853N	15,819
Grand Total					137,731

Pacific Deterrence Initiative

Department of the Air Force (\$194.1 Million)

- PMTEC

Description: The Department of the Air Force (DAF) activities under the Exercises, Training, Experimentation and Innovation category include funding for the Joint Pacific Alaskan Range Complex to procure and sustain four Radar Threat Emulators (Ultra High Frequency, Very High Frequency, C-Band, and L-Band), complete site enhancements for upgraded radar systems and enhance the communications and network infrastructure. This funding will enable the completion of design planning for the Joint Range Operations Center and the airspace development environment impact statement. Finally, it will acquire high-fidelity targets to exercise machine-learning and complete enhancements to Donnelly and Yukon Training Areas in Alaska.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Air Force	Operation & Maintenance, Air Force	Operating Forces	Contractor Logistics Support and System Support	0207429F	48,620
			Facilities Sustainment, Restoration & Modernization	0202176F	8,200
	Other Procurement, Air Force	Electronics and Telecommunications Equip	Combat Training Ranges	0207429F	137,240
Grand Total					194,060

DEFENSE-WIDE (\$1,196.5 million)

- The Joint Staff

Description: Joint Training Exercise and Evaluation Program (JTEEP) activities and military construction projects supporting the Exercises, Experimentation, and Innovation category include FY 2023 PDI funding to conduct an annual Large Scale Global Exercise (LSGE) that will stress global integration of the force across multiple levels of command and control in the conduct of Joint All Domain Operations. The Secretary has provided guidance to make this exercise a priority event in the Department in order to prepare the force to execute global campaign plans against peer adversaries and achieve National Defense Strategy objectives. These USINDOPACOM joint exercises are focused on deterring China, building a more lethal force, assuring allies and partners, and providing access to countries in the Indo-Pacific region. Infrastructure investments in this category include exercise related construction activities (including P&D) enabling projects in the USINDOPACOM AOR to improve partner nation infrastructure, enable access and increase responsiveness for upcoming LGSE's and USINDOPACOM joint exercises. The JTEEP was formerly known as the Combatant Commander Exercise Engagement and Training Transformation (CE2T2) program.

Pacific Deterrence Initiative

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
The Joint Staff	Military Construction, Defense-Wide	Minor Construction	Exercise Related Minor Construction	0804768J	15,298
		Planning & Design	Planning and Design	0804768J	360
	Operation and Maintenance, Defense-Wide	Operating Forces	Joint Chiefs of Staff - JTEEP	0804768J	173,000
Grand Total					188,658

- **Office of the Secretary of Defense Strategic Capabilities Office (SCO)**

Description: FY 2023 PDI funding within the Exercises, Training, Experimentation, and Innovation category for Advanced Innovative Technologies includes activities executed by the SCO which combines capability innovation with concepts of operation to develop novel concepts to shape and counter pressing threats. This funding will address critical USINDOPACOM operational challenges and includes the initiation of the engineering and manufacturing development (EMD) Phase of the Hypervelocity Gun Weapon System (HGWS). HGWS testing and products produced will facilitate potential transition partners.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Office of Secretary of Defense	Research, Development, Test & Eval, DW	Advanced Component Development & Prototypes	Advanced Innovative Technologies	0604250D8Z	1,007,858
Grand Total					1,007,858

Pacific Deterrence Initiative

INFRASTRUCTURE IMPROVEMENTS TO ENHANCE RESPONSIVENESS AND RESILIENCY OF U.S. FORCES (\$1,212.5 million) – Because of the importance of DoD operations, infrastructure and resilience are priorities for investment. Due to the threat of attack by adversaries, as well as the impacts of natural disasters and hazards, it is important to invest in infrastructure improvements to enable forces to respond and remain resilient. FY 2023 PDI infrastructure investments support an updated posture that enables employing dispersed air, maritime, and ground capabilities, as well as resilient logistics nodes critical to enhanced responsiveness and survivability.

Department of the Army (\$11.0 million)

- **Military Construction**

Description: Department of the Army activities under Infrastructure Improvements to Enhance Responsiveness and Resiliency of U.S. forces category includes P&D activities for the Defense of Guam against the missile threat from China.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Army	Military Construction, Army	Planning & Design	Planning and Design	0901211A	11,000
Grand Total					11,000

Department of the Navy (\$849.0 million)

- **Military Construction**

Description: DoN funding in the Infrastructure Investments to Enhance Responsiveness and Resiliency of U.S. forces include investments which promote security and peaceful development in the Asia-Pacific region by deterring aggression, advancing regional security cooperation, responding to crises, and fighting to win. The Joint Intelligence Operations Center provides all source intelligence to war-fighters, planners and policy makers in USINDOPACOM's AOR. Planning, engineering and design funding supports the Specific, Measurable, Attainable, Risk Informed, Timely (SMART) base project, bachelor quarters management, facilities, environmental compliance, hazard abatement, and materials technology. Specific costs include personnel and administrative support for program offices, engineering field divisions, space and electronic warfare programs, and related field activities. The Department's enduring presence in the Indo-Pacific region west of the IDL ensures that Marine forces operating forward provide the foundational integrated deterrence and day-to-day campaigning necessary to build competitive advantage with allies and partners, support Fleet operations and ensure Joint Force access, and provide the Joint Force Commander with responsive,

Pacific Deterrence Initiative

combat-ready naval expeditionary forces. Marine Corps construction projects in support of these efforts include infantry and engineer battalion operations and maintenance facilities at MCB Camp Blaz, a barracks project at MCB Camp Butler, and an aircraft parking apron at Royal Australian Air Force Base Darwin which supports MRF-D operations. Marine Corps facilities sustainment, restoration and modernization funding is essential in maintaining critical facility components at MCB Camp Butler, MCAS Iwakuni, MCAS Futenma, Camp Mujuk and Camp Fuji which all support and sustain mission readiness. These bases and stations represent a key element of the Marine Air-Ground Task Force, serving as the launching pad for combat-ready naval expeditionary forces. Additionally, P&D funding is included for future investments to support USINDOPACOM's theater posture requirements.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Location Title	State Country Title	Program Element	FY 2023 (\$ in thousands)
Department of the Navy	Military Construction, Navy	Major Construction	PDI: 9th Eng Supp Battalion Equip & Main Fac	Finegayan	Guam	0216496M	131,590
			PDI: 9th Engineer Support Battalion Ops. Fac.	Finegayan	Guam	0216496M	35,188
			PDI: Aircraft Parking Apron (INC)	Darwin	Australia	0216496M	72,446
			PDI: Brown Tree Snake Exclusion Barrier South	Finegayan	Guam	0216496M	14,497
			PDI: Ground Combat Element Inf Btn 1 & 2 Fac	Finegayan	Guam	0216496M	149,314
			PDI: Marine Corps Bachelor Enlisted Quarters	Kadena AB	Japan	0216496M	94,100
			PDI: Marine Corps Barracks Complex, Kadena	Kadena AB	Japan	0216496M	101,300
		Planning & Design	Planning & Design			0901211N	59,700
	Operation & Maintenance, Marine Corps	Operating Forces	Sustainment, Restoration & Modernization			0202178M	127,167
	Operation & Maintenance, Navy	Administration and Service-Wide Activities	Planning, Engineering, and Program Support			0201114N	63,660
Grand Total							848,962

Department of the Air Force (\$280.4 Million)

- Military Construction**

Description: DAF funding in the Infrastructure Improvements to Enhance Responsiveness and Resiliency of U.S. forces category supports enhanced force design and posture in the Indo-Pacific region, including the first increment of the Kadena Theater Aircraft Corrosion Control Center, and P&D funds to start designs on projects at Wake Island and Timor Leste. The Kadena Corrosion Control Center will provide sufficient hangar space to accommodate corrosion treatment for all currently assigned aircraft, and optimizes treatment application methods from those in use currently (hand-treated). The FY 2023 PDI also funds the second increment of three Tinian projects: Fuel Tanks with Pipeline and Hydrant System, Airfield Development Phase 1, and a Parking Apron. The three Tinian projects add capacity, where none currently exists, for airfield operations including refueling, takeoff and landing, and parking in support of Indo-Pacific theater operations.

Pacific Deterrence Initiative

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Location Title	State Country Title	Program Element	FY 2023 (\$ in thousands)
Department of the Air Force	Military Construction, Air Force	Major Construction	PDI: Airfield Development Phase 1, INC	Tinian	Mariana Islands	0901211F	58,000
			PDI: Fuel Tanks w/Pipeln & Hydrant Sys, INC	Tinian	Mariana Islands	0901211F	92,000
			PDI: Parking Apron, INC	Tinian	Mariana Islands	0901211F	41,000
			PDI: Theater A/C Corrosion Control Ctr, INC	Kadena AB	Japan	0901211F	77,000
		Planning & Design	Planning and Design			0901211F	12,424
Grand Total							280,424

DEFENSE-WIDE (\$72.2 million)

- U.S. Special Operations Command (USSOCOM)**

Description: USSOCOM funding in the Infrastructure Investments to Enhance Responsiveness and Resiliency of U.S. forces is essential for USSOCOM's ability to exercise secure command and control, operations, and training of special operations forces (SOF) supporting USINDOPACOM concepts of operation and mission requirements. The construction of the Operations and Warehouse Facilities in Yokota, Japan supports aircrew, support staff, and mobility readiness packages for nine CV-22s stationed in Japan providing regional SOF in response to USINDOPACOM mission requirements.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Location Title	State Country Title	Program Element	FY 2023 (\$ in thousands)
U.S., Special Operations Command	Military Construction, Defense-Wide	Major Construction	PDI: Operations and Warehouse Facilities	Yokota AB	Japan	1140494BB	72,154
Grand Total							72,154

Pacific Deterrence Initiative

BUILDING THE DEFENSE AND SECURITY CAPABILITIES, CAPACITY AND COOPERATION OF ALLIES AND PARTNERS (\$453.1 million)

Investments in security cooperation programs and relationships with our regional partners will greatly fortify a joint defense in the Indo-Pacific. These investments include capabilities designed to further interoperability and enhancement of partners' abilities to defend against aggression, conduct maritime security, maritime domain awareness operations, and participate in combined operations with U.S. forces and like-minded nations in the region. Credible deterrence cannot reliably depend on U.S. capacity alone. Interoperable, capable allies and partners reinforce the rules-based international order and complicates PRC aggression.

Department of the Army (\$48.7 million)

- Operating Forces**

Description: Department of the Army activities under the Building the Defense and Security Capabilities, Capacity, and Cooperation of Allies and Partners category include funding and investments across multiple programs:

Operation and Maintenance: Provides funding for Processing, Exploitation, and Dissemination (PED) Reach Center to ingest sensor-agnostic data from other Services, Combat Support Agencies, and Partner Nations; Ground unit training that builds warfighting capabilities; and communication mission partner networks in support of U.S. Forces Korea. In addition, funds Signals Intelligence PED production and product development in support of USINDOPACOM Multi-Domain Operations -enabled formations such as the 1st Multi-Domain Task Force and USASMDC deployed and non-deployed soldiers in support of Space Control operations and capability development.

Man-portable Radiological Detection System: Provides funding for increased dismounted Radiological Nuclear detection, localization, and presumptive and field-confirmatory identification of Special Nuclear Material capabilities to enhance force design and posture. This deterrence capability allows U.S. Army Pacific to increase their capabilities required to counter regional threats in an environment where chemical, biological, radiological and nuclear threats remain high.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Army	Operation & Maintenance, Army	Operating Forces	Force Readiness Operations Support	0202219A	5,000
	Other Procurement, Army	Other Support Equipment	CBRN Defense	0210300A	1,272
			Classified Programs	9999	42,432
Grand Total					48,704

Pacific Deterrence Initiative

Department of the Navy (\$95.6 million)

- Operating Forces**

Description: DoN activities under the Building the Defense and Security Capabilities, Capacity and Cooperation of Allies and Partners category include funding for Intelligence, Surveillance and Reconnaissance (ISR), support for the Special Operations Command Pacific within the Philippines. USINDOPACOM promotes security and peaceful development in the Asia-Pacific region by deterring aggression, advancing regional security cooperation, responding to crises, and fighting to win. The Joint Intelligence Operations Center provides all source intelligence to war-fighters, planners and policy makers in USINDOPACOM's AOR.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Navy	Operation & Maintenance, Navy	Operating Forces	Combatant Commanders Core Operations	0201490N	19,000
			Combatant Commanders Direct Mission Support	0201114N	19,750
				1001004N	16,518
			Weapons Maintenance	0204217N	40,299
Grand Total					95,567

Department of the Air Force (\$30.0 Million)

- Combatant Command (CCMD) Support for MPE from the Mission Partner Capabilities Office**

Description: DAF funding in the Building the Defense and Security Capabilities, Capacity and Cooperation of Allies and Partners category provides for Mission Partner Capabilities Office (MPCO) use in support of CCMD MPE requirements, such as sustaining and expanding local mission partner networks.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Air Force	Operation & Maintenance, Air Force	Operating Forces	Global C3I and Early Warning	0303150F	30,000
Grand Total					30,000

Pacific Deterrence Initiative

DEFENSE-WIDE (\$278.8 million)

- Defense Security Cooperation Agency (DSCA)**

Description: DSCA funding in the building the Defense and Security Capabilities, Capacity and Cooperation of Allies and Partners category is for prioritized security cooperation activities in support of strengthening alliances and includes building the defense and security capability, capacity, and cooperation of ally and partner national-level security forces, international professional military education, institutional capacity building, and human rights training.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Defense Security Cooperative Agency	Operation and Maintenance, Defense-Wide	Administration and Service-Wide Activities	Defense Security Cooperation Agency	1002200T	269,279
Grand Total					269,279

- USSOCOM**

Description: USSOCOM theater forces in support of Building the Defense and Security Capabilities, Capacity, and Cooperation of Allies and Partners in the Indo-Pacific region include persistent engagement and military liaison activities with allies and partners conducted by SOF to build regional security capacity, deter aggression to enhance regional stability, and promote democracy.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
U.S., Special Operations Command	Operation and Maintenance, Defense-Wide	Operating Forces	Special Operations Command Theater Forces	1150491BB	9,523
Grand Total					9,523

Pacific Deterrence Initiative

IMPROVED CAPABILITIES AVAILABLE TO U.S. INDO-PACIFIC COMMAND (JOINT AND ENABLING HEADQUARTERS CAPABILITIES) (\$25.0 million)

Beyond Service-specific programs, the Department requires certain additional capabilities to maximize employment of initiatives, deterrence of adversaries and assurance of allies and partners. These include critical manpower positions, technical advances, and joint management offices to coordinate and execute regional initiatives as well as other critical support needs to enable survivability, responsiveness and flexibility.

Department of the Army (\$5.9 million)

- Operating Forces**

Description: Department of the Army activities under the Improved Capabilities available to U.S. Indo-Pacific Command includes funding for Mobile Integrated Ground Suite (MIGS) overseas in INDOPACOM to perform Space Control (SC) Missions.

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Army	Operation & Maintenance, Army	Operating Forces	Force Readiness Operations Support	0202218A	5,927
Grand Total					5,927

Department of the Navy (\$19.0 million)

- Operating Forces**

Description: DoN activities under the Improved Capabilities available to U.S. Indo-Pacific Command category include funding for operation and administration of the USINDOPACOM Combatant Commander's core operations headquarters staff, including civilian personnel, travel, supplies and training. Additionally, activities in this category promote security and peaceful development in the Asia-Pacific region by deterring aggression, advancing regional security cooperation, responding to crises, and fighting to win. The Joint Intelligence Operations Center provides all source intelligence to war-fighters, planners and policy makers in the USINDOPACOM AOR.

Pacific Deterrence Initiative

Funding Details:

Organization Title	Account Title	Budget Activity Title	Line Item Title	Program Element	FY 2023 (\$ in thousands)
Department of the Navy	Operation & Maintenance, Navy	Operating Forces	Combatant Commanders Core Operations	0201490N	5,613
			Combatant Commanders Direct Mission Support	0201204N	12,695
				0303103N	719
Grand Total					19,027

Pacific Deterrence Initiative

TABLE 1. PDI Funding by Category (\$ in thousands)

PDI Category	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Modernized and Strengthened Presence	1,814,820	2,507,213	1,870,130	1,473,459	1,427,056
Improved Logistics, Maintenance Capabilities, and Prepositioning of Equipment, Munitions, Fuel, and Materiel	302,807	191,313	162,475	183,427	179,715
Exercises, Training, Experimentation, and Innovation	2,282,357	1,573,728	1,546,842	1,136,305	1,315,220
Infrastructure Improvements to Enhance Responsiveness and Resiliency of U.S. Forces	1,212,540	2,145,061	1,401,884	1,026,856	1,037,061
Building the Defense and Security Capabilities, Capacity, and Cooperation of Allies and Partners	453,073	421,733	423,486	430,825	438,014
Improve Capabilities Available to U.S. Indo-Pacific Command	24,954	25,416	26,123	26,862	27,920
Grand Total	6,090,551	6,864,464	5,430,940	4,277,734	4,424,986

Pacific Deterrence Initiative

TABLE 2. PDI Funding by Component (\$ in thousands)

Component	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Department of the Army	1,363,958	1,251,118	1,252,208	505,009	623,464
Department of the Navy	2,006,637	2,950,731	2,085,625	2,135,327	2,296,517
Department of the Air Force	504,484	418,424	164,259	119,780	30,780
Defense Logistics Agency	129,000	22,300	84,000	102,530	100,000
Defense Security Cooperative Agency	269,279	274,666	280,159	285,762	291,477
Missile Defense Agency	539,000	826,000	497,000	407,000	373,000
Office of Secretary of Defense	1,007,858	929,154	753,442	520,515	518,734
The Joint Staff	188,658	180,659	180,659	180,664	180,664
U.S., Special Operations Command	81,677	11,412	133,588	21,147	10,350
Grand Total	6,090,551	6,864,464	5,430,940	4,277,734	4,424,986

Pacific Deterrence Initiative

TABLE 3. PDI Funding by Appropriation (\$ in thousands)

Appropriation	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operation & Maintenance, Army	525,323	138,523	305,643	135,673	308,664
Operation & Maintenance, Navy	776,550	793,554	812,853	766,899	800,048
Operation & Maintenance, Marine Corps	553,333	541,696	508,713	517,502	526,350
Operation & Maintenance, Air Force	86,820	35,254	39,950	30,780	30,780
Operation and Maintenance, Defense-Wide	451,802	457,418	463,107	468,909	474,827
Operation & Maintenance, Army Res	32	1	34	1	1
Missile Procurement, Army	67,000	409,000	-	-	-
Other Procurement, Army	305,359	112,082	12,195	12,244	1,256
Other Procurement, Navy	2,800	3,000	5,500	5,800	3,600
Other Procurement, Air Force	137,240	40,800	-	-	-
Procurement, Defense-Wide	26,514	43,227	35,493	35,374	80,434
Research, Development, Test & Eval, Army	412,812	577,049	666,831	353,552	309,953
Research, Development, Test & Eval, Navy	15,819	20,100	23,700	19,800	21,800
Research, Development, Test & Eval, DW	1,481,344	1,360,927	1,214,949	892,141	811,300
Military Construction, Army	11,000	11,000	264,000	-	-
Military Construction, Navy	658,135	1,592,381	734,859	825,326	944,719
Military Construction, Air Force	280,424	342,370	124,309	89,000	-
Military Construction, Defense-Wide	255,812	382,619	215,299	121,194	107,664
Classified Programs	42,432	3,463	3,505	3,539	3,590
Grand Total	6,090,551	6,864,464	5,430,940	4,277,734	4,424,986