



February 19, 2020

The Honorable Adam Smith
Chairman
Committee on Armed Services
U.S. House of Representatives
Washington, DC 20515

Dear Mr. Chairman,

In accordance with 10 U.S. Code § 222(a), I am submitting the enclosed list of unfunded contributors to naval power for Fiscal Year (FY) 2021. I am grateful for the hard work of Congress over the past four budget cycles to provide funding levels that accelerated readiness recovery and provided a path to a more lethal Navy. The FY21 budget submission sustains these trends and reflects the best balance and prioritization for the Navy in an era of great power competition. Limited by a flat topline budget, the Navy's budget submission continues our commitment to the undersea leg of the nuclear triad with Columbia-class ballistic missile submarine recapitalization; continues readiness recovery to sustain resilient, combat-credible forces; improves lethality and survivability versus peer competitors; and procures capable capacity of new ships and aircraft.

My highest priority FY21 request is for an on-time enactment of the FY21 President's Budget at the start of the fiscal year, enabling the Navy to sustain critical forward momentum without the widespread program and readiness disruption and major inefficiencies driven by a Continuing Resolution. As specified by 10 U.S. Code § 222(a), the enclosed list provides recommendations for requirements to grow capable capacity, achieve increased lethality, and improve overall readiness should additional funding become available for FY21. Highlights of each category are noted below, with specific details provided in the attached Unfunded Priorities List.

Capable Capacity:

Virginia Class Submarine (+1 SSN). This increase in funding would enable Navy to procure a 10th VA-class SSN under the current contract of the Block V submarine build.

F-35C Lightning II (+5 aircraft). Additional low-rate initial production (LRIP) Lot 15 F-35C aircraft provide advanced capability not currently available in the fleet to include the following: Sidekick/6-in the Bay, aft heavy weapons (Advanced Anti-Radiation Guided Missile-Extended Range (AARGM-ER)), and Block-4 TR-3 Processors.

E-2D Advanced Hawkeye (+2 aircraft). Additional aircraft procurement maximizes production line capability to meet updated program of record objectives.

Lethality:

Next Generation Jammer Increment 1 (+3 shipsets). Additional shipset procurement maximizes production line capability while fielding high-return technologies prioritized by the Navy's *Design for Maintaining Maritime Superiority*. Moreover, this funding would enable accelerated divestment of legacy jamming systems.

Naval Strike Missile (NSM). Increased funding supports procurement of 20 missiles and increases the total inventory necessary to support shipfill requirements of the seven Littoral Combat Ships equipped with NSM systems. Moreover, this funding prevents need for in-theater ordnance offload and transfers.

Readiness:

CVN 78 Dual Band RADAR and DDG-1000 Multifunction RADAR. Dual Band RADAR (DBR) provides the ability for CVN 78 to conduct flight operations and employ Evolved Sea Sparrow Missile (ESSM) self-defense capabilities. Additional funding ensures sufficient Multifunction Radar (MFR) spares availability to support deployment of DDG 1000 class ships. MFR enables DDG 1000 class ships to conduct Anti-Air Warfare (AAW) surveillance and Standard Missile-2 (SM-2) / ESSM self-defense engagement.

Sonobuoys. Additional funds allows for recapitalization of Navy's most capable anti-submarine sonobuoys due to unplanned FY19 operational expenditures.

Shore Readiness:

Military construction (MILCON) opportunities will enhance the capacity, lethality, and readiness of the Fleet and of our Sailors quality of service. A detailed list of priority MILCON projects is enclosed should additional funding become available in FY21.

If I can be of any further assistance, please let me know. A similar letter has been sent to Chairmen Inhofe, Shelby and Chairwoman Lowey.

Sincerely,



M. M. GILDAY

Enclosures:
As stated

Copy to:
The Honorable William M. "Mac" Thornberry
Ranking Member

Navy Fiscal Year 2021 Unfunded Priorities List Descriptions

| Priority | Navy FY21 Unfunded Priorities List (UPL) | APPN | BLI | PE | TY\$M |
|--------------|---|------|------|----------|-------------------|
| 1 | Capable Capacity | | | | |
| 1.a. | Virginia Class Submarine | SCN | 2013 | 0204281N | \$ 2,768.0 |
| 1.b. | F-35C Lightning II (+5 Aircraft - from 11 to 16) | APN | 0147 | 0204164N | \$ 525.5 |
| 1.c. | E-2D Advanced Hawkeye (+2 Aircraft - from 4 to 6) | APN | 0195 | 0204152N | \$ 357.0 |
| 1.d. | CMV-22B (+2 Aircraft - from 6 to 8) and Engine Spares | APN | 0164 | 0204151N | \$ 211.4 |
| 1.e. | Small Logistics Ship Proof of Concept | OMN | 181B | 0204452N | \$ 12.0 |
| TOTAL | | | | | \$ 3,873.9 |

| 2 | Lethality | | | | |
|--------------|---|------------|--------------|----------------------|-----------------|
| 2.a. | Next Generation Jammer Inc. 1, +3 Shipsets (from 3 to 6) | APN | 0591 | 0204154N | \$ 115.4 |
| 2.b. | Naval Strike Missile (NSM) (20 additional missiles to meet ship fill for procured systems) including +3 launchers | WPN OPN | 2292 5231 | 0204228N 0204228N | \$ 41.4 |
| 2.c. | Procure 2 Littoral Combat Ship (LCS) Surface Mission Modules (SSMM) | OPN | 1603 | 0204230N | \$ 27.1 |
| 2.d. | AIM-9X additional missiles | WPN | 2209 | 0204162N | \$ 42.8 |
| TOTAL | | | | | \$ 226.7 |

| 3 | Readiness | | | | |
|---|--|---------------|----------------------------|----------------------|-------------------|
| 3.a. | CVN-78 Dual Band RADAR and DDG-1000 Multifunction RADAR: Signal Data Processors Tech Refresh and Obsolete Component Redesign | OPN | 2980 9020 (CT J2980) | 0204228N | \$ 113.0 |
| 3.b. | Sonobuoys (6,392 x SSQ-125As) | OPN | 4048 | 0204271N | \$ 49.1 |
| 3.c. | Virtual Pilot Ship (VPS) Increment 2 - USS PORTER (DDG-78) | RD TEN OPN | 1447 5231 | 0604307N 0204228N | \$ 70.0 |
| 3.d. | Cross Platform EMW Technology Accelerator (CPETA) | RD TE | 3437 | 0603382N | \$ 12.9 |
| 3.e. | Additional High Energy Laser with Integrated Optical Sensor (HELIOS) (Surface Navy Laser Weapon System Inc. 1.5) (SNLWS) | OPN | 5510 | 0204228N | \$ 88.3 |
| 3.f. | CANES Windows 10 Modernization | OPN | 2915 | 0303138N | \$ 17.4 |
| 3.g. | Contested Environment Communications for MSC Ships (Single Channel Radio) | OPN | 2915 | 0303138N | \$ 11.9 |
| 3.h. | F/A-18 E/F Super Hornet Block III Upgrade Spares | APN | 0605 | 0204136N | \$ 21.9 |
| 3.i. | Naval Operational Business Logistics Enterprise (NOBLE) | RD TEN OMN | 3260 182B | 0604231N 0708017N | \$ 22.2 |
| 3.j. | OPN-8 Spares Alignment | OPN | 9020 | Various | \$ 26.1 |
| 3.k. | Strategic Sealift (MSC Surge) Annual Operating Result (AOR) Loss | OMN | 2A1F | 0408042N | \$ 57.0 |
| 3.l. | F/A-18 E/F Super Hornet Engine Spares | APN | 0605 | 0204136N | \$ 137.0 |
| 3.m. | Flying Hour Program (CNATRA) | OMN | 1A2A | Multiple | \$ 132.8 |
| 3.n. | Cooperative Engagement Capability (CEC) Testing Support | OMN RD TEN | 1C1C 2039/3240 | 0702827N 0607658N | \$ 22.4 |
| 3.o. | Flying Hour Program | OMN | 1A1A | Multiple | \$ 236.8 |
| 3.p. | Aircraft Depot Maintenance | OMN | 1A5A | 0702207N | \$ 137.5 |
| 3.q. | QF-16 Full Scale Aerial Target and BQM-177 Procurement | WPN | 2280 | 0204228N | \$ 17.1 |
| 3.r. | Navy C4I on Expeditionary Sea Base (ESB) to support SOF | OPN | 3215 | 0303109N | \$ 19.5 |
| 3.s. | SSBN Escort Vessel (T-AGSE) Dynamic Positioning System Upgrade | OMN | 1D2D | 0208539N | \$ 16.0 |
| 3.t. | Modernize the National Maritime Intelligence Operations Center (MIOC) | OMN | 4C1P | 0305192N | \$ 15.0 |
| 3.u. | Medical Treatment Facility (MTF) Service Life Extension Program in support of USNS Mercy (T-AH 19) | OMN OPN | 2C1H 8109 | 0408036N 0408036N | \$ 11.6 |
| 3.v. | NCTAMS/NCTS Maintenance and Emergency Power | OMN | 1C1C | 0303113N | \$ 8.1 |
| 3.w. | JWICS Modernization | OMN OPN | 4C1P 8114 | 0305192N | \$ 15.5 |
| 3.x. | DRAKE Research and Development | RD TEN | 3177 | 0603654N | \$ 10.2 |
| 3.y. | DRAKE Procurement and Sustainment | OPN | 5509 | 0205671N | \$ 53.3 |
| TOTAL | | | | | \$ 1,322.6 |
| Total UPL (Capable Capacity + Lethality + Readiness) | | | | | \$ 5,423.2 |

Navy Fiscal Year 2021 Unfunded Priorities List Descriptions

Capable Capacity

1.a. Virginia Class Submarine - \$2,768M

Adds capable capacity consistent with National Defense Strategy focus on Great Power Competition. This enables Navy to buy a 10th Virginia Class submarine under the Block V contract.

1.b. F-35C Lightning II (+5 Aircraft - from 11 to 16) - \$525.5M

PB21 reduced F-35C procurement by (-10) FYDP (-11 between FY21/FY22) for affordability. This request for additional low rate initial production (LRIP) Lot 15 F-35C aircraft in FY21 provides advanced capability not currently available in the fleet. Total cost includes \$34M of initial spares.

1.c. E-2D Advanced Hawkeye (+2 Aircraft - from 4 to 6) - \$357.0M

Additional aircraft procurement maximizes production line capability to meet updated Program of Record (PoR) objectives (from 75 to 86 aircraft) while aligning the force structure with the requirements laid out in the *Navy the Nation Needs* study. FY23 is final year of E-2D procurement; current programmed procurement results in 77 aircraft.

1.d. CMV-22B (+2 Aircraft - from 6 to 8) - \$211.4M

Increases total procurement from 44 to 46 CMV-22B aircraft (48 is Program of Record (PoR)) and supports the modernization of the Navy's carrier air logistics fleet as the USN transitions from legacy C-2A to CMV-22B. FY23 is final year of CMV-22 procurement. Total cost includes \$9.3M of initial spares and \$25.3M additional engine spares.

1.e. Small Logistics Ship Proof of Concept - \$12.0M

Navy is in the process of defining requirements for a Small Auxiliary Logistics Platform (SALP) to support Distributed Maritime Operations (DMO). This request funds the lease of an additional offshore support vessel (OSV) to support PACFLT/USFF exercises and demonstrations to evaluate potential solutions for Refuel, Resupply, and Rearm logistics mission requirements.

Lethality

2.a. Next Generation Jammer Inc. 1, +3 Shipsets (from 3 to 6) - \$115.4M

Additional shipset procurement maximizes production line capability while fielding high-return technologies prioritized by the Navy's *Design for Maintaining Maritime Superiority*.

2.b. Naval Strike Missile (NSM) (20 additional missiles to meet ship fill for procured systems +3 launchers) - \$41.4M

Procures 20 missiles, increasing total inventory to support shipfill requirements of ships equipped with NSM systems. Prevents need for in-theater ordnance offload and transfers. Funding also procures NSM launcher and installation costs for LPD-class ship during maintenance availability.

Navy Fiscal Year 2021 Unfunded Priorities List Descriptions

2.c. Procure 2 Littoral Combat Ships (LCS) Surface Mission Modules (SSMMs) - \$27.1M

New procurement profile optimally supports deploying assets. Procures two Surface to Surface Mission Modules (SSMMs), increasing total inventory to 6 by FY23 to support planned deployments of Surface Warfare Mission Package (SUW MP) equipped LCS.

2.d. AIM-9X additional missiles - \$42.8M

Procures 100 additional AIM-9X Blk II tactical missiles. This increase maintains a steady ramp from PB20 procurement.

Readiness

3.a. CVN-78 Dual Band RADAR and DDG-1000 Multifunction RADAR: Signal Data Processors Tech Refresh and Obsolete Component Redesign- \$113.0M

Dual Band RADAR (DBR) enhances the ability for CVN-78 to conduct flight operations and employ Evolved Sea Sparrow Missile (ESSM) self-defense capabilities. Multifunction RADAR (MFR) enables DDG-1000 to conduct Anti-Air Warfare (AAW) surveillance and self-defense. CVN-78 and DDG-1000 hardware and software are beyond their end-of-life and not available from vendors. This procures spare parts and sustainment support for combat system activation.

3.b. Sonobuoys (6,392 x SSO-125As) - \$49.1M

Funding request provides for the recapitalization of Navy's most capable sonobuoys due to unplanned FY19 operational expenditures.

3.c. Virtual Pilot Ship (VPS) Increment 2 – USS PORTER (DDG-78) - \$70.0M

Due to rapid transformation available by virtualization of the Aegis Weapon System that was not developed during PB21, this request supports the back-fit of a Virtualized Aegis Baseline 9 (BL 9) on USS PORTER (replaces Baseline 5.4 (BL 5.4)) and allows for a two year period of testing. The Navy is moving down the path to an Integrated Combat System (ICS) and this pilot begins the process to upgrade all BL 5.4 ships (21 total Flight I/II DDGs) to BL 9 now.

3.d. Cross Platform EMW Technology Accelerator (CPETA) - \$12.9M

Funding request supports procurement of three (3) additional shipsets for a heterogeneous high-speed routable surface network prototype for the NIMITZ strike group in 2022. This prototype will integrate Common Data Link (CDL), Tactical Targeting Network Technology (TTNT), and Satellite Communications (SATCOM) via common tactical router, and integrate software with the Digital Warfare Platform via Internet Protocol. FY21 funds will allow for procurement of long lead hardware, ship hardware installation, airborne array procurement, additional testing and manpower to support the at-sea prototype.

Navy Fiscal Year 2021 Unfunded Priorities List Descriptions

3.e. Additional High Energy Laser and Integrated Optical Sensor (HELIOS) (Surface Navy Laser Weapon System (SNLWS) Inc. 1) - \$88.3M

Procures (1) HELIOS (SNLWS Inc. 1.5) production laser weapons system. System will have a higher power output than SNLWS Increment 1 and will validate the scalability of HELIOS systems (risk reduction for SNLWS Inc. 2). This additional shipboard unit will provide for increased warfighter learning, refined CONOPS and Tactics, Techniques and Procedures (TTPs), and support establishing the industrial base for laser weapon system components (risk reduction for SNLWS Inc. 2).

3.f. CANES Windows 10 Modernization - \$17.4M

Funds the installation of Windows 10 modernization for three unit-level platforms to pace operating system obsolescence and minimize cybersecurity vulnerabilities.

3.g. Contested Environment Communications for MSC Ships (Single Channel Radio) - \$11.9M

Replacing current Military Sealift Command (MSC) ship radios with single channel radios will reduce risks of counter detection, anti-jamming and interoperability with the Fleet.

3.h. F/A-18 E/F Super Hornet Block III Upgrade Spares - \$21.9M

Closes material support gap for production lot cut-in system upgrades.

3.i. Naval Operational Business Logistics Enterprise (NOBLE) - \$22.2M

Naval Operational Business Logistics Enterprise (NOBLE) is a key enabler to digital transformation. NOBLE modernization improves cyber security of logistics systems while improving sustainment timelines and costs as well as improving audit readiness. Funding accelerates modernization by one year to FY21.

3.j. OPN-8 Spares Alignment - \$26.1M

Brings OPN-8 spares from 70% to 75% of the requirement.

3.k. Strategic Sealift Annual Operating Result (AOR) Loss - \$57.0M

Request funds TRANSCOM losses that emerged following Budget build. Needed to address Sealift ship readiness shortfalls discovered during Turbo activation.

3.l. F/A-18E/F Super Hornet Engine Spares - \$137.0M

Improved mission capable rates have resulted in higher flying hour consumption, and generated a need for increased engine spares. Funds three critical engine modules (Low Power Turbine, Fan Module, and Combustor) to required operational spares pool needs.

3.m. Flying Hour Program (CNATRA) - \$132.8M

Funds help alleviate pilot undergraduate flight training shortfall created by an emergent T-45C engine reliability issue and training delays following physiological episodes.

3.n. Cooperative Engagement Capability (CEC) Testing Support - \$22.4M

Supports testing and verification of updated CEC software. Updates land-based test site facilities in support of CEC capabilities development, integration, and test.

Navy Fiscal Year 2021 Unfunded Priorities List Descriptions

3.o. Flying Hour Program - \$236.8M

Improved mission capable rates have resulted in higher flying hour consumption, and generated a need for increased aviation depot level repairables (AVDLR). Funding would support Navy in sustaining 80% mission capable aircraft rates.

3.p. Aircraft Depot Maintenance - \$137.5M

Funding eliminates a shortfall created by an increase in material cost and higher aviation depot maintenance consumption due to improved mission capable rates across multiple Type/Model/Series. For example, in the last year, Navy has gone from 271 mission capable F/A-18E/F aircraft to 341 mission capable F/A-18E/F, which has resulted in a decrease in long term down (LTD) aircraft.

3.q. QF-16 Full Scale Aerial Target and BQM-177 Procurement - \$17.1M

Funding request supports procurement of an additional two QF-16 Full Scale Aerial Targets in support of AIM-9X test requirements and 5 BQM-177 aerial targets in support of CVN 78 testing.

3.r. Navy C4I on Expeditionary Sea Base (ESB) to support SOF - \$19.5M

Funding Navy Multi-Band Terminal will provide resilient SATCOM to enable SOF components to use ESB class ships as Afloat Forward Staging Bases (AFSB). This C4I capability will provide a resilient capability in Denied, Degraded, Intermittent, Limited (DDIL) environments.

3.s. SSBN Escort Vessel (T-AGSE) Dynamic Positioning System Upgrade - \$16.0M

The T-AGSE are part of the SSBN Transit Protection Program. These vessels escort surfaced SSBNs during transit to and from their homeport. These funds accelerate installation of an improved Dynamic Positioning System on T-AGSE to enable these vessels to better maintain relative position.

3.t. Modernize the National Maritime Intelligence Operations Center (MIOC) - \$15.0M

The National MIOC is the sole MIOC responsible for tracking white shipping. In order to more effectively support the fleet and help facilitate the prosecution of illicit or nefarious maritime activity, the space needs to be modernized to make the National MIOC more effective at meeting current and future demands.

3.u. Medical Treatment Facility (MTF) Service Life Extension Program (SLEP) in support of USNS Mercy (T-AH 19) - \$11.6M

Current MTF equipment is no longer in production. These funds support optimization of the MTF in conjunction with the SLEP of the ship to improve the hospital ship's ability to maintain Role 3 MTF capabilities.

3.v. NCTAMS/NCTS Maintenance and Emergency Power - \$8.1M

NCTAMS/NCTS Mission Operations is a threshold capability for global maritime command control and communications in a Distributed Maritime Environment to execute warfighting plans. This issue resources preventive and life cycle maintenance for 80+ systems and procures spare parts for uninterruptable power supplies (UPS), antennas, and emergency power generators.

Navy Fiscal Year 2021 Unfunded Priorities List Descriptions

3.w. JWICS Modernization - \$15.5M

Funding supports site surveys, installations, and various upgrades for multiple Information Technology Service Management (ITSM) systems at the Office of Naval Intelligence.

3.x. DRAKE Research and Development - \$10.2M

Funds research & development to improve DRAKE EW capabilities to keep pace with evolving Unmanned Aerial System (UAS) technology being developed in commercial and military UAS.

3.y. DRAKE Procurement and Sustainment - \$53.3M

DRAKE was fielded to the Fleet beginning in FY18 to meet CENTCOM JUONS CC-0558. Procures 74 units to meet Fleet requirements and 312 units for NECC (to replace JCREW systems diverted from NECC to meet immediate Fleet Counter-Unmanned Aerial System (C-UAS) requirements).

Navy Fiscal Year 2021 Military Construction Unfunded Priorities List Descriptions

| Priority | Navy FY21 Unfunded Priorities List (UPL) (MILCON) | APPN | BLJ | PE | TY\$M |
|---------------------------|--|------|-----------|----------|-----------------|
| 1 | P-347 Perimeter Security, Cutler, ME | MCN | 32446347 | 0805176N | \$ 26.1 |
| 2 | P-243 Magazines, Seal Beach, CA | MCN | 61065243 | 0712976N | \$ 46.8 |
| 3 | P-491 Combat Vehicle Maintenance Facilities (Port Hueneme), NB Ventura County, CA | MCN | 69232491 | 0703676N | \$ 43.5 |
| 4 | P-758 Machinery Control Development Center, Mechanicsburg, PA | MCN | 32414758 | 0816376N | \$ 74.6 |
| 5 | P-591 Directed Energy Test Facility, NB Ventura County, CA | MCN | 69232591 | 0816376N | \$ 26.7 |
| 6 | P-702 Sub Logistics Support Facilities, NS Norfolk, VA | MCN | 62688702 | 0712876N | \$ 9.4 |
| 7 | P-897 CMV-22 Hangar, NB Coronado, CA | MCN | 00246897 | 0712876N | \$ 75.8 |
| 8 | P-519 X-Ray Wharf Berth 2, Guam | MCN | 61755519 | 0203176N | \$ 94.5 |
| 9 | P-143 Joint Reserve Intel Center, NOSC Minneapolis, MN | MCNR | 68967143 | 0305192N | \$ 12.8 |
| 10 | P-263 E/A-18G Fleet Readiness Squadron (FRS) Training Facility, Whidbey Island, WA | MCN | 00620263 | 0712876N | \$ 29.9 |
| 11 | P-1027 CMV-22 Airfield and Hangar Improvements, NAS Norfolk, VA | MCN | 626111027 | 0203176N | \$ 56.1 |
| 12 | P-250 Consolidated Ordnance Operations Facility (NAS Jacksonville, FL) | MCN | 00207250 | 0712876N | \$ 14.3 |
| 13 | P-170 Ordnance Facilities, Yorktown, VA | MCN | 69212170 | 0703976N | \$ 71.8 |
| Total UPL (MILCON) | | | | | \$ 582.3 |

1. P-347 Perimeter Security, Cutler, ME - \$26.1M

Provides entry control point (ECP) facilities at the transmitter and receiver site at Cutler, ME. This project will eliminate inefficiencies within the existing perimeter security system.

2. P-243 Missile Magazines, Seal Beach, CA - \$46.8M

Improves Ready Issue Weapon storage at Seal Beach, CA. This project constructs four missile magazines, which increases missile storage capacity by 30%. Additionally, this project supports storage capacity for the following: Vertical Launching System (VLS) Standard Missiles, VLS Tomahawk, and Evolved Sea Sparrow Missiles (ESSM).

3. P-491 Combat Vehicle Maintenance Facilities, Port Hueneme, CA - \$43.5M

Constructs a consolidated combat vehicle maintenance facility for multiple Naval Construction Group units that currently use aged and failing facilities. In 2015, equipment maintenance requirements increased from one to three table of allowances (TOA) for active Naval Mobile Construction Battalions to support Naval Construction Force (NCF) Operation Plan (OPLAN) requirements.

4. P-758 Machinery Control Development Center, Mechanicsburg, PA - \$74.6M

Constructs a Machinery Control Development Center equipped with laboratory facilities able to support comprehensive RDT&E of multiple ship platform Hull, Mechanical, and Electrical (HM&E) equipment control systems and components. Delivers capability to test mitigation for design deficiencies and vulnerabilities.

5. P-591 Directed Energy Test Facility, Naval Base Ventura County, CA - \$26.7M

Constructs two sites on San Nicolas Island that will be used for the testing of Directed Energy (DE) weapons, including both high-energy laser and high-power microwave technologies. As part of the master plan for support of DE testing on the Point Mugu Sea Range (PMSR), these sites will provide a land-based, across-ocean-water test facility that creates a realistic testing environment for DE weapons development.

Navy Fiscal Year 2021 Military Construction Unfunded Priorities List Descriptions

6. P-702 Submarine Logistics Support Facilities, NS Norfolk, VA - \$9.4M

In order to meet mission deployment and surge requirements, project constructs a climate-controlled, pre-engineered building and fenced open storage area for COMSUBRON 6 to maintain and store weapons cradles, shipping containers and Peculiar Support Equipment (PSE) for the Virginia-class Block I-V submarines. Eliminates the need for off-site storage.

7. P-897 CMV-22 Hangar, Naval Base Coronado, CA - \$75.8M

In an effort to mitigate maintenance shortfalls and associated grounding of aircraft, project constructs a depot-level maintenance facility to support the home basing of CMV-22 aircraft (19 total at NAS North Island). Supports the transition plan for the Carrier Onboard Delivery (COD) aircraft to shift from the smaller C-2 fixed-wing platform to the larger CMV-22 tilt-rotor aircraft.

8. P-519 X-Ray Wharf Berth 2, Guam - \$94.5M

Completes X-Ray Wharf improvements and provides full capability to support two T-AKE replenishment ships with the proper depth of water, sufficient wharf length, power, and utilities by constructing a critical power substation and providing electrical power mounds for Berths 1 and 2. Eliminates the need for multiple workarounds, reduces competition for space among transient ships and submarines, and will preserve Guam's logistical OPLAN capabilities.

9. P-143 Joint Reserve Intel Center, NOSC Minneapolis, MN - \$12.8M

Constructs a single-story addition and three mezzanines at Building #N-1 at Navy Operational Support Center (NOSC) Minneapolis. Current facility does not meet current Anti-Terrorism Force Protection (ATFP) standards. Project will include interior modifications, and associated relocation of tenants within Building #N-1 to optimize space utilization.

10. P-263 E/A-18G Fleet Readiness Squadron (FRS) Training Facility, Whidbey Island, WA - \$29.9M

Constructs a Fleet Readiness Squadron (FRS) training facility near Hangar 12 to support the increase in E/A-18G aircraft training personnel and students assigned to the FRS. Additional aircraft assigned to the FRS began arriving in 2019.

11. P-1027 CMV-22 Airfield and Hangar Improvements, NS Norfolk, VA - \$56.1M

Currently funded in FY22. Accelerating funding to FY21 addresses late-to-need MILCON requirements for CMV-22. This project will construct a variation of Type II Maintenance Hangar, incorporating a high-bay cantilevered/intermediate trusses and concrete aircraft housing capable of holding CMV-22 wheel loading. Additionally, the project will construct airfield paving, reconstruct the aircraft parking apron, widen a taxiway necessary for CMV-22 operations, and add a specific CMV-22 helipad.

**Navy Fiscal Year 2021 Military Construction Unfunded Priorities List
Descriptions**

12. P-250 Consolidated Ordnance Operations Facility (Naval Air Station (NAS) Jacksonville, FL) - \$14.3M

Constructs a fully-compliant ordnance Maintenance Repair Overhaul and Upgrade facility to support Depot Level canopy, ejection seat, and detachment cord workload at NAS Jacksonville for F/A-18 and trainer aircraft.

13. P-170 Ordnance Facility, Yorktown, VA - \$71.8M

Constructs 12 Type D munitions magazines to replace small, inefficient magazines built from 1953 to 1979 that are not configured for storage of modern containerized ordnance. Current configuration causes decreased capacity for ready issue inventory of weapons supporting warfighter requirements.