Using a Perform to Plan (P2P) approach, we are employing data and analytic capabilities to inform investment priorities and focus leadership engagement. At every echelon around the globe, our sights are squarely aimed on speed, agility, and costs in support of Fleet readiness.

This Stakeholder Report highlights a few of NAVFAC’s FY20 accomplishments and displays some of our P2P metrics across multiple mission sets. Our capability to use authoritative data to create mission dashboards is in an early stage. We are still maturing as a data-driven command and the culture is transforming.

While more work remains to be done, I am confident that we are on a positive vector and will build on this momentum to drive outputs.

Our commitment remains, as ever, to deliver results better and with a sense of urgency to best support the Warfighter, Warfighting, and our future Navy and Marine Corps Teams!

The Department of the Navy has delegated NAVFAC acquisition and technical authority and overall lead agency for:

- Theater / Contingency Engineering
- Design and Construction
- Ocean Facilities Engineering
- Expeditionary Logistics
- Environmental Mission Support
- Real Estate
- Weight Handling
- Facility Related Cybersecurity
- Utilities Infrastructure and Shore Energy

REAR ADMIRAL JOHN KORKA

FROM THE COMMANDER

Our nation has engaged in the Great Power Competition. As one of the NAVFAC stakeholders, it’s important that you have a snapshot of how your NAVFAC Team is delivering today to help us win this competition.

As a SYSCOM, we have adjusted course to our true North — fortifying our technical authorities, forging stronger relationships with industry, and tracking Key Performance Indicators (KPIs) to drive performance.

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REAR ADMIRAL JOHN KORKA
GLOBAL EXECUTION SUPPORT
Enabling theater posture to support prompt and sustained military operations

Theater / Contingency Engineering Projects
- Contingency Actions in 34 countries ($173M), supporting the following programs:
  - Counter Narcotics
  - Exercise Related Construction
  - Foreign Military Sales / Foreign Military Funds
  - Global Peacekeeping Operations Initiative
  - Humanitarian Assistance
  - Humanitarian Mine Action
  - Ocean Facilities Engineering
  - Security Assistance
  - Theater Security Cooperation

Supporting Alliances and Partnerships.
MILCON PROJECTS

Constructing and repairing shore infrastructure to enable Navy and Marine Corps mission requirements

**MILCON Projects – Awarded to Plan**

**MILCON Projects – Execution Workload**

**MILCON Projects – Completed to Plan ISO Mission Requirements**

**MILCON Projects – Reprogrammings**

Leveraging P2P as workload expands to deliver on schedule and on budget.

P2P principles driving increases in output.

Record Workload, Record Performance.

KPIs driving improvement.

Work remains to improve schedule adherence; on positive trajectory.
Validated proof of concept to refuel rotary-wing aircraft on a floating barge, advancing the development of refueling operations in contested environment.

Developed a launch and recovery concept of operations to utilize locally available commercial crane assets to launch and recover the XLUUVs at forward bases.

Facilitated rapid prototype of small amphibious craft envisioned for LARC replacement.

Developed a scalable set of material, machinery, and equipment configured to enable expedient repair of mission-essential fuel distribution systems and associated infrastructure.

Designed and provided Healthcare Concept Hospital Designs for 250-patient camp expandable to 1,000 patients.

Developed construction projects for theater posturing.

Procured 390 tactical vehicles to support Naval Expeditionary Combat Forces.

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<table>
<thead>
<tr>
<th>OCEAN FACILITIES ENGINEERING</th>
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<tbody>
<tr>
<td><strong>Enabling Undersea Surveillance</strong></td>
</tr>
<tr>
<td>- SURTASS (Surveillance Towed Array Sensor System) Shipboard Handling System: Deployed expeditionary active/passive sonar array system.</td>
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<tr>
<td>- Undersea Cables and Supporting Infrastructure: Data, power, and surveillance; completed Puerto Rico-Guantanamo-Florida fiber optic cable.</td>
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<tr>
<td>- Maritime Test Bed: Breakthrough range capability for rapid testing and evaluation of emergent warfighting systems; installed deep system node to enable initial range operation.</td>
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<th>Protecting / Supporting the Surface and Subsurface Fleet</th>
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<tr>
<td>- Waterfront Security Barriers: Protect in-port fleet assets; delivered 2 miles of barrier for CSF, design to deployment in 9 months.</td>
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<td>- Magnetic Silencing Facilities: Assess and adjust hull magnetic signatures; completed Phase 1 design of New London relocation project supporting COLUMBIA Program.</td>
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<tr>
<td>- Submarine / Surface Ship Radiated Noise Measurement: Assessed pre-deployment asset operational noise levels to reduce detection signature.</td>
</tr>
<tr>
<td>- Mooring Systems: Conventional and heavy weather systems; completed certifications in Yokosuka, Guam, New London and Jacksonville.</td>
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ENVIRONMENTAL MISSION SUPPORT
Sustaining and expanding ranges for Navy and Marine Corps

- Maintained Warfighter readiness through operational range clearance and range sustainment.

At Sea Training Range Assessments
100% On-time (28 total)

- National Environmental Policy Act (NEPA) Impact Statements supported modernization of the Fallon Range Training Complex mission.

NEPA Statements Completed
70% On-time (41 total)

- Completed Environmental Restoration Response actions to return DoN land for current and future mission use.

Environmental Restoration Response Projects
67% On-time (30 total)

REAL ESTATE
Increasing operational capability and cutting costs

Negotiated 1,000+ leases in support of Fleet Readiness.

Increasing training capability at NAS Fallon
- Acquiring access to 600,000 acres surrounding the training complex.

Preserved training and operational capability
- Acquired land use easements on 30,000 acres, protecting critical operational buffers.

Increased ship maintenance capacity
- Executed lease to provide a floating dry dock capability in San Diego.

Reduced Navy’s Total Ownership Cost
- Completed a new 375,000 SF complex in San Diego, avoiding $190M in MILCON.
- Executed contract to move Trident II production from aging facilities in Sunnyvale, CA to new space in Florida.
- Leveraged available land to provide a microgrid and black start capability for weapons systems tests in southern CA.
WEIGHT HANDLING
Providing responsive, safe handing of materiel, equipment and ordnance; enabling Warfighter readiness

Delivered Philadelphia Foundry bridge crane ahead of schedule ISO COLUMBIA Program.
Certified 178 Navy crane programs across the Fleet. Averaged 1,400 lifts/day worldwide.

FACILITY RELATED CYBERSECURITY
Defending critical infrastructure against cyber compromise

FY20 Cyber Hygiene and ATO Completion

Critical FRCS: Security Posture of Critical Systems
- Applied DOD Risk Management Framework (RMF) to assess, secure and authorize 190 mission critical Facility Related Control Systems (FRCS).

Leveraging newly developed remote inspection procedures to continue delivery during COVID-19.

Providing responsive, safe handling of materiel, equipment and ordnance; enabling Warfighter readiness.
DELIVERING RESILIENCY, RELIABILITY, AND EFFICIENCY SOLUTIONS FOR MISSION ASSURANCE ON NAVY AND MARINE CORPS INSTALLATIONS

EFFICIENCY:

- $100M in cost savings and avoidance by leveraging third party financing and industry experts.
- A 14 Mega-Watt (MW) Solar Array with 70 MW-hour battery acquired through an Enhanced Use Lease, providing high-quality uninterrupted back-up power for PMRF in Kauai.
- Awarded the largest Energy contract in DOD history at GTMO to construct $340M in new energy efficient infrastructure, including a 20 MW Natural Gas power facility and 12 MW of solar arrays.

IMPACT: 30% increase in energy efficiency.

RELIABILITY:

Power Outage Frequency = Outage event per system

Trending toward industry standard.

RESILIENCE:

Power Outage Duration

Completed 24,000 ship utility connections.

Working with industry to identify KPIs to drive improvement.

Completed 24,000 ship utility connections.