Industry Day - MPT&E Transformation
(Small Business Focused Event)
06 August 2018
MPT&E Transformation Agenda

- Industry Day Objectives
- Administration / Ground Rules
- PEO EIS / PMW 240 Overview
- MPT&E Transformation – The Case for Change
- MPT&E Transformation “55 to 1”
- MPT&E Four Pillars of Capability
- Closing Remarks
Administration

Mr. Lu Cotto-Arroyo, PCO
Sea Warrior Program (PMW 240)
Industry Day Objectives

- Share information on the Navy’s Manpower, Personnel, Training and Education (MPT&E) Transformation, providing updates & additional clarity on the Government’s requirements for the MPT&E transformation

- Today’s briefs will address:
  - MPT&E Transformation Goals and Case for Change
  - MPT&E Information Technology (IT) System Architecture; Notional Shut Down Plan
  - MPT&E Acquisition

- Provide context for continued engagement with Industry partners (Large and Small Business) in Summer-Fall 2018 for Technical Exchanges, and Requests for Information (RFIs)

Strong Industry competition and involvement to foster innovation and cultivate Industry partnerships
Administration

Briefing Slides

Briefing Slides from the 22 May Industry Day Event (National Capital Region) have been posted to the MPT&E Transformation Technical Data Repository (TDR) along with other technical information.

The Briefing Slides for this event will be posted to the TDR in approximately seven (7) days.

For additional information pertaining to the TDR please refer to the MPT&E RFI posted on the Federal Business Opportunities (FBO) website (https://www.fbo.gov) or via the SPAWAR e-Commerce site at: https://go.usa.gov/xUfZn.

Other questions regarding access to the TDR should be sent to the TDR mailbox (MPTE TDR Adm@navy.mil).
Ground Rules

- No unauthorized recording or photographs of any kind during Industry Day is permitted.
  - This includes use of cell phones, tablets, or laptops.
- Please put your phone on MUTE to avoid disrupting presentation with background noise.
- Information provided by the Government in the future will supersede information provided during previous Industry Day events.
Industry Day Exchanges

FAR 15.201, “Exchanges with industry before receipt of proposal.”

- Industry Day constitutes an informal exchange of information
- Improve understanding of Government requirements and Industry capabilities
- Allow potential offerors to judge whether or how they can satisfy the Government’s requirement
- Enhance Government’s ability to obtain quality services, at reasonable prices
- Increase efficiency in proposal preparation, proposal evaluation, negotiation, and contract award
- No guarantee as to Government’s final course of action
- Provide potential offerors with the opportunity to investigate partnering and subcontracting opportunities. List of Vendors from 22 May Industry Day Event is posted on the TDR
- Allow for open exchanges of information between Government and Industry on all aspects of the proposed requirement.
Ms. Julianne LeFevre
DPM, Sea Warrior Program (PMW 240)
PEO EIS Overview

Program Executive Office for Enterprise Information Systems (PEO EIS)

**MISSION**
We provide the Department Of Navy with capable, secure, and affordable enterprise Information Technology (IT) solutions

**VISION**
To lead the DON as the premier provider of enterprise Information Technology (IT) solutions that enable mission success

**SERVICING THE ENTERPRISE**
- Over 1,000,000 users of our networks, systems, and software applications
- Systems (software and hardware) deployed on **150 ships and 75 submarines** and in use in **8 countries**
- Enterprise Software License provider for the DON
- Navy's lead for Data Center Consolidation and Cloud Migration
- Life cycle management of **more than 40** enterprise systems, applications, and projects

Sailors, Marines, and the civilian workforce depend on the IT networks, systems and applications we provide every day, around the globe and around the clock
<table>
<thead>
<tr>
<th>Program</th>
<th>Brief Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAVAL ENTERPRISE NETWORKS (PMW 205)</td>
<td>Manages enterprise-wide Information Technology (IT) Networks</td>
</tr>
<tr>
<td>NAVY ENTERPRISE BUSINESS SOLUTIONS (PMW 220)</td>
<td>Provides IT solutions aligning Navy’s money, manpower, and materiel</td>
</tr>
<tr>
<td>GLOBAL COMBAT SUPPORT SYSTEM – MARINE CORPS (PMW 230)</td>
<td>Provides USMC with deployable logistics chain management technology for 22,000 users world-wide</td>
</tr>
<tr>
<td>SEA WARRIOR PROGRAM (PMW 240)</td>
<td>A portfolio of systems that enable the Navy to support Navy human resource management</td>
</tr>
<tr>
<td>NAVY SENSITIVE COMPARTMENTED INFORMATION AND CONTROLLED ACCESS PROGRAM NETWORKS ASHORE (PMW 260)</td>
<td>Manages the acquisition lifecycle of the Navy’s shore-based Joint World-Wide Intelligence Communications Systems IT domain</td>
</tr>
<tr>
<td>ENTERPRISE SYSTEMS AND SERVICES (PMW 250)</td>
<td>A portfolio of business IT solutions that support an array of Navy, Marine Corps and other DoD customers.</td>
</tr>
<tr>
<td>DON ENTERPRISE SOFTWARE LICENSING (PMM 172.4)</td>
<td>Streamlines acquisition and management of enterprise-wide software licenses</td>
</tr>
<tr>
<td>NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION – TECH REFRESH (PMS 444)</td>
<td>Modernizes information systems/tools used to plan, manage, and execute Navy shore maritime maintenance</td>
</tr>
<tr>
<td>DATA CENTER APPLICATION OPTIMIZATION (DCAO)</td>
<td>Chartered to consolidate 118 Navy legacy data centers into 20 or less enterprise hosting sites by FY20</td>
</tr>
</tbody>
</table>
Provide full life-cycle management to support the Navy's Manpower, Personnel, Training, and Education (MPTE) Business Operations

**PORTFOLIO**

- The Sea Warrior Program (SWP) portfolio includes 21 Major Systems
- 2 Major Defense Business Systems (BCAT 1): Navy Standard Integrated Personnel System (NSIPS) and Mobility
- 2 BCAT II: Career Management System-Interactive Detailing (CMS-ID), Learning Management System-Distance Learning (LMS-DL)
- 15 BCAT III Programs
- 2 Non-ACAT Enterprise Information Environmental Mission Area (EIEMA): Authoritative Data Elements (ADE), My Navy Portal (MNP)
- 1 Retired System (RHS)
- Sea Warrior FY19 TOA
  - RDT&E ($103M)
  - OPN ($9M)
  - OMN ($92.3M)
  - OMNR ($5M)
  - Total (209.3M)

**ENTERPRISE REACH**

- SWP portfolio includes:
  - One of the largest Navy portals with 1 million users (MNP)
  - The most extensive eLearning solution in DoD (LMS). Over 2 million course completions to date
  - The Navy’s military personnel ERP solution (NSIPS)
  - Largest Navy Mobile app and services development for MPT&E mobile apps
  - Enterprise-wide Navy mobile apps store, Navy App Locker (NAL), for hosting all officially developed Navy mobile apps
  - More than 25 Mobile apps in Apple and Google app stores with over 360,000 downloads
  - Enterprise Mobile Content Management System (EMCMS) supporting dynamic mobile content delivery

**Sea Warrior Program Scope**

- Military (7)
- Civilians (22)
- NWCF (164) (104 are Mission Funded/60 NWCF)
- Contractors (650)
Existing Sea Warrior Portfolio

A “Program of Programs,” where individual business applications, systems, and initiatives are aligned to capability portfolios

Personnel & Pay
- DEPARTMENTAL
- IMAPMIS
- NES
- NSIPS
- MRRS
- NPDB
- OPINS
- OPAS
- RIMS/FM
- RHS

Distribution
- CMS/ID
- EAIS
- NMPDS
- NROWS
- OAIS II

Position Management
- NMRS
- TFMMS

Workforce Development
- LMS-DL
- NTMPS

Enterprise Business Services
- ADE
- Mobility
- MNP

Twenty Two “Systems” Transitioning to Four Pillars as part of MPT&E Transformation
The Case for Change
Transformation Goals

Significantly Improved Fleet Readiness
• Updated and focused Operating Model enabled by modern IT
• Full Analytics
• World-class and Sailor-friendly HR constructs

Significantly Improved Return on Investments
• Business IT as a service
• Best of Breed
• Competition at point of sale and throughout lifecycle

Improved services and solutions delivered at a fraction of current costs and risks
The Case for Change

**Challenge**
Functional, but not efficient and sustainable

**Goal**
Successful, efficient, and sustainable

<table>
<thead>
<tr>
<th>Needs</th>
<th>CNO Priorities</th>
</tr>
</thead>
</table>
| **Affordability** | • Improve Current and Future Fleet Readiness  
| | ▪ Restructure MPT&E to better and more efficiently deliver Fleet needs through improved training and predictive analytics |
| | • Improved Quality of Service  
| | ▪ Dramatically improve support for Sailors and their families through 24/7 world class self-service and integration of modern technology and authoritative data |
| **New Skills & Higher Quality** | • Improved Manpower  
| | ▪ Agile Sailor supply chain that is more responsive to Fleet needs |
| **Attractiveness** | • Better Alignment  
| | ▪ Align to focus on talent retention, development, and management |
| **Workforce Agility** | |
| | • Unpredictable operating environments and threats requires an adaptable HR organization |

The Navy is modernizing its MPT&E enterprise to provide improved service delivery to all Sailors, their families and future recruits through a holistic, end-to-end effort that will impact the Navy “Hire-to-Retire” lifecycle to sustain a high state of readiness. By improving the speed, accuracy, and quality of career, personnel and pay services, and streamlining systems and processes, the Navy will be better positioned to support our most valuable resource: our people.
### Current MPT&E Systems
- Future Costs Unsustainable
- Generations Behind Current Commercial Capabilities
- Systems not Integrated
- Lack of Analytic Capability
- Lack of Auditability

### Future MPT&E Capabilities
- Updated Operating Model
- Optimized Processes
- Modern Evolvable Technology, Security and Services
- 80/20 Automation/People… Fee-For-Service
- Data Reporting and Analytics
- Cloud-based/API-Oriented IT Infrastructure/Architecture
- CAC-less, Smartphone, Self-Service via Portal/Mobile Access

Aligned with CNO’s vision to digitize the Navy
IT Vision

Modern Modular Architecture
Self-healing and Self-evolving
Commercial off the Shelf (COTS)
Industry Standard and Tightly Integrated
Transparent
Low Cost
Governance Owned by Enterprise
MPT&E Transformation

“55 to 1”
55 Systems Across N1/CNP

- 8 of these 42 Systems use 5-10 languages
- 21 Total Languages Across 55 Systems

42 Systems Use Multiple Languages

11 Systems Use Multiple Operating Systems

10 Systems are 31+ years old

Average Age: 15 years
MPT&E IT Enterprise SV-1
API Layer Concept

The problem…

…and the proposed solution
MPT&E Transformation – Mess To Modern

As-Is

- Highly Customized / Very Expensive
- Poorly Integrated / Many Errors
- Not Holistic or Authoritative
- Ad Hoc / Fragmented Architecture
- Fragile and Rigid
- Unique and Poorly Integrated
- Opaque
- Very Expensive
- Decentralized Governance

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
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<tbody>
<tr>
<td>62</td>
<td>Websites</td>
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<tr>
<td>10</td>
<td>Data Warehouses</td>
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<tr>
<td>61</td>
<td>PSDs</td>
</tr>
<tr>
<td>55</td>
<td>Systems</td>
</tr>
<tr>
<td>73</td>
<td>Networks</td>
</tr>
<tr>
<td>1000</td>
<td>Recruiting Stations</td>
</tr>
</tbody>
</table>

To-Be

- Modern Modular Architecture
- Self-healing and Self-evolving
- Commercial off the Shelf (COTS)
- Industry Standard and Tightly Integrated
- Transparent
- Low Cost
- Governance Owned by Enterprise Support

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Portal</td>
</tr>
<tr>
<td>1</td>
<td>Enterprise ADE</td>
</tr>
<tr>
<td>2</td>
<td>Call Centers</td>
</tr>
<tr>
<td>1</td>
<td>System of Systems</td>
</tr>
<tr>
<td>4</td>
<td>Ent. Service Providers</td>
</tr>
<tr>
<td>100</td>
<td>Talent ACG Onboarding Centers</td>
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</tbody>
</table>

Underlying Cloud Security

Challenge

- Information spread across disparate and labor intensive physical systems

Security Assessment

- Ensure proper mitigations are in place for comparable security controls and practices in a commercially-hosted environment

Solution: Cloud Security

- Shared, cost effective security model for a faster commercially available cloud option, increased access points, and reduced customization
Transforming Legacy To Future

8 Lines of Business

<table>
<thead>
<tr>
<th>Enterprise Services</th>
<th>Workforce Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Management</td>
<td>Distribution</td>
</tr>
<tr>
<td>Organizational Management</td>
<td>Fleet &amp; Family Support</td>
</tr>
<tr>
<td>Recruiting &amp; Accesions</td>
<td>Personnel Management</td>
</tr>
</tbody>
</table>

8 Functions

<table>
<thead>
<tr>
<th>Personnel/Pay</th>
<th>Transfers /Accessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advancements and Promotions</td>
<td>Manpower</td>
</tr>
<tr>
<td>Training and Education</td>
<td>Recruiting</td>
</tr>
<tr>
<td>HR</td>
<td>Financial</td>
</tr>
</tbody>
</table>

As-Is: Existing MPTE IT Portfolio

223 Applications and Other Entities
55 Legacy Systems*
73 Data Centers and Networks**

Transformation

To-Be: Single System of Systems

Fewer Applications and Other Entities
4 Enterprise Service Providers

SINGLE POINT OF ENTRY

MPTE CORE

Navy Personnel & Pay
Learning Stack
Customer Rel. Management

ADE 2.0

INFRASTRUCTURE

NEW IT SERVICES

* DJMS is not within the MPTE portfolio but functionality will be subsumed from DFAS by FY 20
** Includes Network Sites Sunseted/Transferred

Scope of 55-1
55 to 1 – End State Will Be Delivered By COTS Products

55 systems decomposed into 223 applications

55 legacy systems become 1 system of systems
# Results – Optimized For Functional Migration

<table>
<thead>
<tr>
<th>Personnel / Pay</th>
<th>Transfers / Accession</th>
<th>Advancements and Promotions</th>
<th>Manpower</th>
<th>Training and Education</th>
<th>Recruiting</th>
<th>HR</th>
<th>Financial</th>
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<tbody>
<tr>
<td>SPOE</td>
<td></td>
<td>BOL, EMPRS, NKO, NMPDS, NSIPS, NTMPS</td>
<td>BOL</td>
<td>LMS-DL, NTMPS</td>
<td>CMSA-ARS, NAVY.COM</td>
<td>BOL</td>
<td></td>
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<tr>
<td>Learning Stack</td>
<td></td>
<td>NEAS</td>
<td></td>
<td></td>
<td>CETARS</td>
<td></td>
<td></td>
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<tr>
<td>PeopleSoft 9.2</td>
<td></td>
<td>BOL, C-WAY, IMAPMIS, NES, NSIPS, OPINS, PERSTEMPO</td>
<td>BOL, IMAPMIS, NSIPS</td>
<td>BOL, CRM, C-WAY, DEPARTMENTAL, MY EDUCATION, NETFOCUS, NSIPS, OPAS</td>
<td>C-WAY, MY EDUCATION, CETARS, C-WAY, LEARNING STACK, NETFOCUS, NSIPS</td>
<td>CMSA-ARS</td>
<td>ADMITS, CMSA-ARS, DEPARTMENTAL, NSIPS, PRIMS</td>
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<td>HR Management Services</td>
<td>EMPRS</td>
<td>CMS-ID, EAIS, NMCMPS, NMCMPS-, S, NROWS, OAIS II</td>
<td>BOL, EMPRS</td>
<td>BOL, CMS-ID</td>
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<td></td>
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<tr>
<td>Linear Programming COTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NMRS</td>
<td></td>
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<tr>
<td>Migrate to Cloud</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>NRC-LS</td>
<td>MRRS</td>
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<tr>
<td>COTS Tools/ Retire Pending BPR</td>
<td>BOL, EMPRS</td>
<td></td>
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<td></td>
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<tr>
<td>Customer Relationship Management</td>
<td>CRM</td>
<td></td>
<td></td>
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<td></td>
<td>ARMS, NAVY.COM, PRIDE MOD, WEBRTOOLS, WEBSTEAM</td>
<td>CARIS, MAJIC, NMPBS</td>
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<tr>
<td>ADE</td>
<td>ADE 1.0, BOL, DEPARTMENTAL, EMPRS, NMPBS, NPDB</td>
<td>BOL, C-WAY, DEPARTMENTAL</td>
<td>NMPBS, NMPDS, OAIS II</td>
<td>CETARS, NMPBS, NTMPS</td>
<td>BOL</td>
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<td>Transferring Ownership</td>
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<td>FASTDATA</td>
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<tr>
<td>Subsumed/ Retired</td>
<td>RHS</td>
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<td>ETRMS</td>
<td>CORMIS, NASIS</td>
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<td>AESEE (USNA - Out of Scope)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>(AESEE)</td>
<td></td>
</tr>
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</table>

**NOTE:** System shutdowns are shown in red. This is when the last functionality associated with a system migrates to its end-state solution. BOL (BUPERS On Line) shown in bold to highlight how many times it appears.
### Notional “55 to 1” Shutdown Schedule – Optimized for Functional Migration

**Optimized for Functionality Migration**
- Discrete capabilities within systems migrate with like functionality
- Systems shut down when the last capability migrates to a COTS solution
- Reduced risk of new COTS stand-up
- Longer shutdown timeline for a given system

**Legend:**
- Total Systems to be retired annually
- Total Systems to be retired annually
- LMS Acceleration
- Out of Scope (USNA)
- Subsumed/Retired (Past or in Progress)

#### 55 Systems

<table>
<thead>
<tr>
<th>Year</th>
<th>System Name</th>
<th>Task</th>
<th>Frequency</th>
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</thead>
<tbody>
<tr>
<td>FY 2017</td>
<td>PSCMS</td>
<td>Person</td>
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<tr>
<td>FY 2018</td>
<td>CIRIMS</td>
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<td>FY 2019</td>
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<td>FY 2020</td>
<td>CORMS NPDB RES</td>
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<tr>
<td>FY 2021</td>
<td>CRM EMRSPS OPIS</td>
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<tr>
<td>FY 2022</td>
<td>C-WAY NEAS</td>
<td>Management</td>
<td>3</td>
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<tr>
<td>FY 2023</td>
<td>DEPARTMENTAL MRRS NSPS PRIMS</td>
<td>Distribution</td>
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<tr>
<td></td>
<td>NAVY.COM PRIDE MOD WEBSTEAM</td>
<td>Fleet &amp; Family Support</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CARIS MAIC</td>
<td>Workforce Development</td>
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<td>FASTDATA</td>
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<td>NMPBS TEMMS</td>
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<td>NMCHPS 5 NMCHPS EMS-DG</td>
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<tr>
<td></td>
<td>ADE 1.5</td>
<td>Optimized for Functionality Migration</td>
<td>2</td>
</tr>
</tbody>
</table>

**1 System**

- Total Systems to be retired annually
- LMS Acceleration
- Out of Scope (USNA)
- Subsumed/Retired (Past or in Progress)
Transformation Will Consolidate IT Program Management

Twelve Systems Will Not Consolidate

System is/has been subsumed/retired/not applicable or transferred.

PMW-240 will be the MPT&E Enterprise IT Program Manager
Functional ownership remains As-Is

Capabilities from above legacy programs will consolidate into a single system of systems, managed by a dedicated MPT&E enterprise program office.

As-Is State
Managed by PMW-240

To Be State

PMW 240
MPT&E Transformation

Four Pillars of Capability
SPOE provides Sailors and HR Professionals access to an intuitive Self-Service portal and Mobile applications with integrated Identity Management, to view and manage their personnel and career information. This transformational IT suite of systems will offer high quality, 24/7 customer service for Sailors and their families.

Supports the configuration of the PeopleSoft 9.2 COTS software to meet the Navy MPT&E requirements and enables auditability through the integration of a Direct to Treasury Pay capability. This agile, cloud-hosted, COTS-based NP2 Personnel and Pay (PersPay) solution will provide the Navy with an efficient, agile and highly automated IT system.

Supports on-demand learning, with a focus to align Navy learning that offers multiple career learning paths encompassing the latest technology advancements for Sailors.

Serves as the single authoritative data stack for MPT&E through the phased consolidation & migration of existing databases; enables improved data analytics and visualization capabilities via interoperability via the latest REST/SOAP APIs.
Single Point of Entry (SPOE)

**Today’s Operational Successes**

- Over 6.5 million logons since MNP launched in February 2017
- An average of 20,274 Sailors use MNP everyday, including 15.5% of all users who choose the low-band width version of MNP
- MNP has been successfully able to provide service, with over 98% accessibility since launch

**Solution: My Navy Portal**

- Single, self-service portal to continuously support Sailors’ HR needs from hire-to-retire
- Improved Sailor experience by consolidating platforms and enabling 24/7 self-service access to all pay and personnel services
- Develop and clearly communicate with Sailors by maximizing single portal to train and communicate

**MNP is a single self-service online entry portal that allows Sailors 24/7 access to HR systems and data**
Navy Personnel and Pay (NP2 – Formerly NSIPS)

**Today’s Operational Successes**

**NSIPS – Recently Deployed Capability**

- **RHS Consolidation:** Consolidated RHS into NSIPS, TFMMS, and Career Management System – Interactive Detailing (CMS-ID) reducing redundancy and operational costs, while supporting future pay modernization.
- **Blended Retirement System:** Deployed Service Member self-service capability to complete BRS actions at various career touchpoints. Also enabled Commands to perform required BRS actions to support Service Members.
- **Retirements & Separations:** Automated separation and retirement process for Officer and Enlisted members.
- **Enhanced Drill Management:** Deployed automated Navy Reserve Inactive Duty Training (IDT) drill management functionality from request, to approval/disapproval, to scheduling and cancelling into NSIPS.
- **IMAPMIS Consolidation:** Consolidates the Inactive Manpower & Personnel Management Information System (IMAPMIS) into NP2 in order to reduce redundancy, increase data integrity, reduce operational costs, and better posture the Navy for modernization/ transformation.
- **NSIPS Cloud Migration:** Migration of NP2 hosting to the cloud environment will enable the MPT&E enterprise to match the speed of technological change while maintaining affordable sustainment costs.

**Solution: Navy Personnel and Pay (NP2)**

- **Centralized personnel and pay for better Sailor experience**
- **Integrates PeopleSoft 9.2 COTS system** simplifies Sailors’ personnel and pay needs by providing a one-stop-shop for pay needs.
- **Centralizes authoritative data source** automatically consolidates data to improve accuracy of reporting.
- **Eliminates legacy systems** enables a single, efficient system that is auditable and can be adapted to policy needs.

NP2 combines personnel and pay functions into one seamless system with an improved user interface and optimized Sailor self-service.
Learning Stack (LS)

Today's Operational Successes

- Enabled 2,146,158 course completions by 773K+ Navy, Marine, Coast Guard, GS, and CTR personnel as of 31 March 2018—during data center transition.
- Transitioned 83 servers and 3+ TB of training content (representing 10,711 unclassified courses & 299 classified courses) with 100% fidelity from Saufley Data Center-Pensacola to Navy Enterprise Data Center-New Orleans (NEDC-NOLA) by 23 Oct 2018.
- Provided 2-year advance notice to providers of 7,669 courses (70% of total) with Flash content that must be migrated to newer technology or retired by 2020.

Solution: Learning Stack
Modernized, relevant training with the Sailor in mind

- Career-Long Learning Continuum through the development of learning roadmaps linking requirements with real-world Fleet needs.
- Modernized Delivery at Point of Need to provide modernized content and performance support available whenever and wherever it is needed.
- Integrated Content Development will align processes and standards, driving faster delivery of relevant content and increased operational agility.

Modernized IT training through multiple tools and techniques that provide our Sailors with the right training at the right time to operate their equipment at the extreme technical end of it’s capability to win the high-end fight.
Authoritative Data Environment (ADE)

**Today’s Operational Successes**

- **Achieved IOC for ADE 1.5 (NTMPS)** consolidating ADE 1.0 to 1.5.
- **Completed ADE 2.0 Functional Lab** buildout – architecture foundation.
- **Completed ADE 2.0 SFR:** Systems Functional Review – approved to proceed.

**Solution: Authoritative Data Environment**

- **Consolidated legacy systems** decrease potential errors from multi-source data.
- **Interconnected, real-time data** will lay the groundwork for data-based decision making by every level of command.
- **Automated data** will identify and convert tedious processes and simplify Sailor procedures via applied analytics.

ADE is an integrated solution that will result in rationalization of accurate data and enable Navy Leaders to make more informed decisions.
Mobility

Solution: Transactional Mobile Apps
Providing Sailors access to official Navy systems and services

Today's Operational Successes
Informational mobile apps for Sailors

- 25 Mobile apps published to the Apple and Google Play stores
- Over 360,000 downloads and nearly 10,000 course completions
- Established the Navy’s app store, the Navy App Locker (NAL), hosting over 70 official Navy apps
- Cloud hosted Enterprise Mobile Content Management System (EMCMS)
- Over 5,000 Navy App Locker site hits per month

Future

- Transactional mobile apps to provide Sailors direct access to current desktop-only information and functionality
- No CAC Needed by developing a multi-factor authentication solution for mobile app integration
- Mobile Career Management by providing Sailors the ability to schedule classes, request leave, and update records all from their mobile device

Providing Sailors access to MPT&E Information and functionality from their personal mobile devices, anywhere, anytime
Key Tenets

- Modernization of MPT&E IT system capabilities; PeopleSoft 9.2 is the Core enterprise COTS system
- Leverage lessons learned from Industry & Prior Efforts:
  - DIMHRS
  - Prior pay efforts -> IPPS-Army, US Coast Guard pay efforts.
- Build a little, Test a little; execute rapid prototyping/piloting & fielding processes resulting in incremental capability delivery
- Enterprise Contracting Strategy to potentially acquire support for:
  - Prototypes/Pilots - COTS Configuration & Development
  - Systems Integration for Manpower, Training & Education systems with the PeopleSoft 9.2 Core AND Prototype capabilities
  - Cloud implementation
  - Data Management & Data Analytics
  - Cybersecurity
  - Testing, Training and Fielding
  - Sustainment of MPT&E IT systems (existing and new)
  - Call Center/Service capabilities

PMW 240 - MPT&E Transformation Acquisition

1. COTS not Customization
2. Commercially Proven Technology
3. Cloud First
4. Preserve Agility
5. Speed to Capability

COTS not Customization
Commercially Proven Technology
Cloud First
Preserve Agility
Speed to Capability

PMW 240 - MPT&E Transformation Acquisition
### MPT&E Pilots (FY18-19)

#### Pilots Main Objectives

- **Inform Acquisition**: Clarify requirements, business processes and determine fit/gap. Conduct market research for effective acquisition strategy.
- **Limited User Capability**: Demonstrate new capabilities with a limited number of users.
- **Fieldable Capability**: Pilot delivers deployable capability.
- **Infrastructure**: Shared services enabling IT capability.

#### Additional Pilots may be conducted as activities mature

<table>
<thead>
<tr>
<th>Pilot</th>
<th>Pilot Overview</th>
<th>Outcome Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRM Rapid Prototype Pilot (RPP)</td>
<td>Enterprise CRM</td>
<td>Fieldable Capability</td>
</tr>
<tr>
<td>PET Rapid Fielding Pilot (RFP)</td>
<td>New performance evaluation system. Large scope. Approx 200,000 participants</td>
<td>Fieldable Capability</td>
</tr>
<tr>
<td>MNP Public</td>
<td>Migrate MNP back-end to AWS E/W</td>
<td>Fieldable Capability</td>
</tr>
<tr>
<td>ADE 2.0 Pilot</td>
<td>Determine if native IaaS services can provide a data lake as a basis for the &quot;Single Source of Truth&quot; and a platform for data analytics, data quality, and API management</td>
<td>Limited User Capability</td>
</tr>
<tr>
<td>NP2 Rapid Prototype Pilot (RPP)</td>
<td>Exercise &quot;Street-to-Fleet,&quot; demonstrate we can pay Sailors; GovCloud</td>
<td>Limited User Capability</td>
</tr>
<tr>
<td>NRC ARM 1 (Salesforce)</td>
<td>Determine if Talent Acquisition processes can be adapted to COTS</td>
<td>Inform Acquisition</td>
</tr>
<tr>
<td>NRC ARM 2 (DefenseReady)</td>
<td>Determine if Talent Acquisition processes can be adapted to COTS</td>
<td>Inform Acquisition</td>
</tr>
<tr>
<td>IdAM</td>
<td>Test a non-CAC authentication solution to enable sailor access their individual record</td>
<td>Inform Acquisition</td>
</tr>
<tr>
<td>MNP-Native Mobile App (ETJ)</td>
<td>Establish a mobile app that will deliver a Sailor's electronic training jacket (ETJ) to their personal mobile device</td>
<td>Inform Acquisition</td>
</tr>
<tr>
<td>PET Rapid Prototype Pilot (RPP)</td>
<td>New performance evaluation system. Medium scope/Beta test. Approx 100,000 participants</td>
<td>Inform Acquisition</td>
</tr>
<tr>
<td>devCloud (Azure)</td>
<td>Utilize native PaaS services in Azure for N1’s test and development environments</td>
<td>Infrastructure</td>
</tr>
<tr>
<td>devCloud (AWS)</td>
<td>Utilize native PaaS services in Azure &amp; AWS for N1’s test and development environments</td>
<td>Infrastructure</td>
</tr>
</tbody>
</table>
MPT&E Transformation Governance

- **Streamlined and integrated governance process**
  - ASN RDA member of Senior Governance Board
  - PEO EIS member of CNP’s Executive Decision Board
  - PEO EIS co-chairs MPTE Enterprise Configuration Control Board

- **Aligns functional and acquisition roles as defined in DODI 5000.75 to support new budget construct**

- **IT Acquisition Pilot under NDAA Sec. 804, using RDT&E**
  - Preserves agility and speed to capability
  - Rapidly responds to aggressive threat environment

**New Governance Supports Collaborative Acquisition Approach**
## N1 MPT&E Transformation Plan/Notional Timeline

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Shutdown Legacy Systems as Functions Migrate</td>
<td>55 Systems</td>
<td>Field Test #1</td>
<td>Rapid Prototyping Pilot</td>
<td>Rapid Fielding</td>
<td>Rapid Fielding &amp; Legacy Modernization</td>
<td>Decreasing IT Footprint</td>
<td>One System of Systems</td>
</tr>
<tr>
<td>NSIP8 to NP2</td>
<td>60 Systems</td>
<td>Initial Pilot</td>
<td>All Systems to Fleet</td>
<td>NP2 Initial Pace Capability</td>
<td>Full Deployment</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Agile Deployment to Prototype Environment Every 2-4 Weeks</td>
<td>Single Source of Sailor Record</td>
<td>8 Warehouses Consolidated</td>
<td>3 Warehouses Consolidated</td>
<td>1 Warehouse Consolidated</td>
<td>10 Data Warehouses</td>
<td>ADE IOC</td>
<td>Consolidate 9 Data Warehouses</td>
</tr>
<tr>
<td>Authoritative Data Enterprise Analytics</td>
<td>10 Data Warehouses</td>
<td>API Layer Installed</td>
<td>Single Sign On All Systems</td>
<td>System Enhancement &amp; Sustainment</td>
<td>62 Websites</td>
<td>MNCC Beta 1</td>
<td>MNCC IOC</td>
</tr>
<tr>
<td>Sailor Self Service Call Center</td>
<td>Portal for Portal for Afloat Mobile</td>
<td>Sailor Self Service Start</td>
<td>Self Service (No CAC)</td>
<td>Quarterly Agile Release Cycles (MNC)</td>
<td>Initial CAC Less Mobility</td>
<td>Enhanced Mobility</td>
<td>2 Call Centers</td>
</tr>
</tbody>
</table>

* Notional schedule, subject to change based on continuous verification with government stakeholders

** NP2 and ADE are restricted to agile deployment to prototypes environment until a production Authority to Operate (ATO) is provided (Timeline 6-8 Months) and any required DTE is complete (5-6 Months)
**Manpower, Personnel, Training, & Education (MPT&E) RFP and Contract Timeline**

- **Industry Day held 22 May for MPT&E Transformation efforts (including 55-to-1)**
  - 194 Attendees (170 Industry, 24 Government)
  - 135 Vendors represented
- **RFI White Paper responses received 19 Jun**
  - 29 Vendors responded with white papers
- **Market Survey Analysis completed 16 Jul**
  - PMW 240 developing engagement/contracting strategy based on MSA results

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### Notional RFP Roadmap & Industry Request Schedule

<table>
<thead>
<tr>
<th>Activity</th>
<th>3QFY18</th>
<th>4QFY18</th>
<th>1QFY19</th>
<th>2QFY19</th>
<th>3QFY19</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFP Activity</td>
<td>RFI</td>
<td></td>
<td>Draft RFP</td>
<td>RFP Release</td>
<td></td>
</tr>
<tr>
<td>Industry Engagement</td>
<td>Industry Day</td>
<td>Small Business Industry Day</td>
<td>Tech Exchange</td>
<td>Weekly Industry Engagement</td>
<td>Industry Day</td>
</tr>
</tbody>
</table>

### Future Key Milestones

- **Post Solicitation – March 2019**
- **Amend Solicitation – April 2019**
- **Receive Proposals – April 2019**
- **Award 2Q2020**

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**Legend**

- Completed Event: ▲
- Future Event: △
Request for Information

- RFI issued 11 May 2018
- RFI amended on 23 May 2018
- Expect Additional RFI’s in Q1FY19

The Government reserves the right to post revisions to the RFI questions document. Offerors are encouraged to periodically revisit the FedBizOpps RFI website (https://www.fbo.gov) for the latest version to ensure compliance.
What Is Needed From Industry

01 Feedback and Collaboration
We value your opinion and will ask for targeted information
Communication goes both ways
Develop long-term working relationships

02 Proactive Cost Control
Effective and realistic pricing
Think like a taxpayer

03 Innovation
Embody creative technological solutions
Strive for continuous process improvement

04 Focus on the Mission
Never lose sight of why we are here
Need real solutions for our Sailors
Previous Industry Day Information

• Conducted 22 May
  • Very Successful with excellent Industry participation
    • Registered Attendees: 194
    • Industry Attendees: 170
    • Individual Vendors: 135
      • Large Business: 37
      • Small Business: 98
    • List of Vendors from previous Industry Day is posted to the TDR
    • Small Business is highly encouraged to look at options for:
      • Teaming arrangements
      • Where can Small Business help?

Any inquiries should be directed via email to: peoeispmw240cont.fct@navy.mil