PEO MLB

FISCAL 2023
ACCOMPLISHMENTS
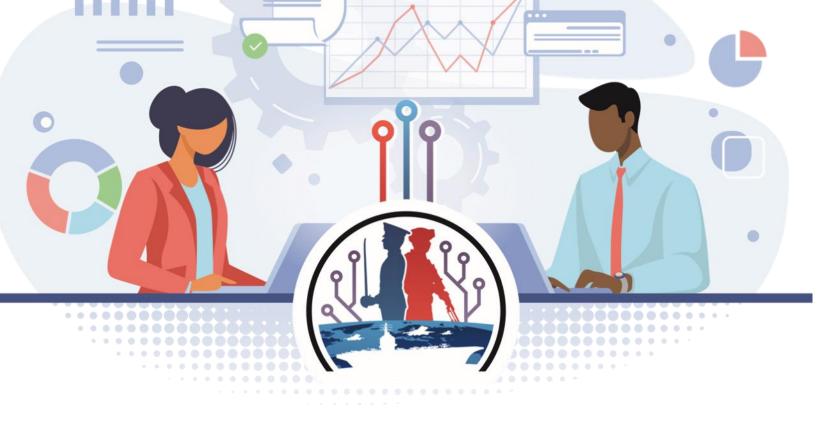
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Christine Rodriguez
Program Executive Officer Manpower, Logistics and Business Solutions

I am pleased to share with you this report of the Program Executive Office for Manpower, Logistics and Business Solutions' (PEO MLB) accomplishments for fiscal year 2023.

PEO MLB continued to mature as an organization this year, consolidating offices and capabilities into our Technical Director Office (TDO) and adding a new portfolio, the Marine Corps Manpower Information Technology (IT) Systems Modernization (MITSM), the Marine Corps version of our Navy manpower portfolio. We also welcomed aboard two new portfolio managers.

We continue to embrace the Department of the Navy's "Get Real, Get Better" initiative, a call to action for every Navy leader to apply a set of Navy-proven leadership and problem solving best practices that empower our people to achieve exceptional performance. It encourages us to be honest and transparent about our capabilities and limitations and to embrace the challenge of fixing issues and problems. Each year, we hold an Innovation Day, an event to develop solutions that address common challenges and everyday work problems. Our 2023 Innovation Day winner was a solution from our Naval Applications and Business Services (NABS) portfolio to streamline the staff onboarding process using a Microsoft 365-based solution. The onboarding tracker provides increased process visibility, real-time metrics and reduced errors due to manual data entry. We leveraged the NABS solution to develop and deploy onboarding trackers across various portfolios, including Logistics IT, Marine Corps Logistics Integrated Information Solutions (LI2S-MC) and MyNavy HR IT Solutions.

Some of PEO MLB's accomplishments this year include:

- Established the PEO MLB TDO to better align and balance capabilities and resources across the PEO and to facilitate a culture shift to better adopt and embrace new operational philosophies, strategies and approaches.

- Established the MITSM portfolio to organize the United States Marine Corps manpower IT programs, systems and applications under a single acquisition management authority to enable more cohesive future development and system consolidation, improve cyber resiliency and audit compliance and align with the Commandant of the Marine Corps' talent management guidance.

- Delivered new mobile capabilities that improved Navy Recruiting Command's productivity and success in meeting their mission goals to bring highly qualified applicants into the United States Navy. Deployed a mobile application that provides recruiters with full desktop functionality for applicant management while in the field through their mobile devices. Developed a mapping capability that recruiters can use to conduct a digital geospatial data analysis to assess where to focus recruiting resources and plan optimal travel routes.

- Achieved full cutover of Navy Product Lifecycle Management (N-PLM) Model Based Product Support (MBPS). MBPS delivers the maritime component of N-PLM and will provide a unified, single source of weapon system technical data required for lifecycle support, reducing the time spent during maintenance to access or update technical data.

- Delivered Minimum Viable Product (MVP) for the Marine Corps Talent Management and Engagement Platform (TMEP), deploying TMEP for officer assignments to the Marine Online (MOL) production environment.

Those accomplishments and the other achievements detailed in this report are just a snapshot of the capabilities and services we have delivered to the Sailors, Marines and civilians of the DON.

In 2024, PEO MLB's will continue our work delivering effective and affordable business It capabilities to advance the readiness of our naval forces. Our goal is to consistently improve the value of the capabilities that we deliver to our customers.

Christine L. Rodriguez

The Program Executive Office for Manpower, Logistics and Business Solutions (PEO MLB) is the Department of the Navy's (DON) acquisition agent for manpower, logistics and business solutions information technology (IT). The systems and solutions PEO MLB acquires and delivers are the backbone enabling the DON's day-to-day administrative, business and financial operations. PEO MLB provides Sailors, Marines, DON civilians and their support systems with the services needed to complete their missions and tools to manage their careers.

MISSION: *PEO MLB delivers effective and affordable business IT capabilities that advance the readiness of our Naval forces.*

CUSTOMER COMMITMENT
Deliver capabilities to our Naval forces, enabling their success.

EMPOWER OUR PEOPLE
Cultivate a culture of talent, trust and teamwork by taking care of our people.

ADAPT & EVOLVE
Be responsive to change, implementing improvements to a work process or product.

BEHAVIORS FOR A WINNING CULTURE

- **Get real.** Self-assess. Continually evaluate and improve yourself and your team.

- **Get better.** Self-correct. Apply problem solving best practices to achieve better outcomes.

- **Be cost conscious.** Think, act and operate differently to reduce the cost of doing business.

- **Build trust and respect.** Practice open and transparent communication. Be an engaged listener.

- **Embrace change.** Be open to new ideas, different approaches and improved solutions.

- **Approach problems differently.** Challenge our thinking, work together to solve shared problems.

- **Strengthen partnerships.** Increase collaboration with internal and external partners.

- **Build strong teams.** Encourage healthy debate. Empower each other to decide and act.

- **Fix or elevate.** Don't sit on the sidelines. Raise issues to leadership quickly.

TECHNICAL DIRECTOR OFFICE

The PEO MLB Technical Director Office (TDO) supports PEO MLB portfolios in reaching their goals, aligning and balancing capabilities and resources across the PEO and facilitates a culture shift within the PEO to better adopt and embrace new operational philosophies, strategies and approaches. The TDO enables agile innovative technology services throughout PEO MLB by providing services, policies and processes that enhance the continual evolution of technology adoption within the PEO. The TDO is the first point of contact for potential industry partners.

Signature Accomplishment 1

Established the PEO MLB Technical Director Office (TDO) in November 2022 as a result of merging the former Technical Directorate (TD), Innovation Support Services (ISS) Portfolio and the Data Transformation Services (DaTS) Portfolio to better align and balance capabilities and resources across PEO and to facilitate a culture shift to better adopt and embrace new operational philosophies, strategies and approaches. The TDO enables agile, innovative technology services to PEO MLB by providing services, policy and processes that enhance the continual evolution of technology adoption within PEO MLB. The TDO also serves as the front door for potential industry partners looking to engage with PEO MLB. The TDO holds Initial Capability Discussions with industry to determine if a company has a service or capability that meets a current or future PEO MLB need.

Signature Accomplishment 2

Established a Voice of the Customer (VoC) capability for PEO MLB. VoC provides a listening capability that allows programs to capture satisfaction ratings and recommendations directly from the end users of their systems. VoC empowers PEO MLB portfolios to become proactive in affecting overall customer experience (CX) by providing an easy-to-use tool to capture and analyze user feedback so it can be translated into actionable improvements. In collaboration with the Navy Survey Office and the Marine Corps Survey Office, TDO completed a pilot project using the Qualtrics survey platform with three PEO MLB programs (Navy ERP, Risk Management Information [RMI], and Command Individual Risk and Resiliency Assessment System [CIRRAS]) from two portfolios (Navy ERP Financial IT Services and Naval Applications and Business Services). In January 2023, the TDO facilitated product demonstrations with five leading VoC vendors to further inform market research. In April 2023, based on the demonstrated success of the pilot project and the market research results, the Technical Director authorized the standup of the enterprise VoC capability using the Qualtrics platform. In June, VoC was granted survey approval by the Office of Management and Budget (OMB), allowing a standard set of CX questions to be asked for all PEO MLB VoC surveys, which will expedite the time required to roll out new VoC surveys by eliminating the need for various survey office approvals. In collaboration with the Navy Survey Office and the Marine Corps Survey Office, an expanded Qualtrics software and services contract will provide unlimited survey capability to all Navy and Marine Corps personnel. Within PEO MLB, MyNavy HR IT Solutions is the first portfolio for VoC rollout. In the future, VOC will be scaled as an enterprise-wide service across the DON.

Signature Accomplishment 3

Developed an onboarding tracker using enterprise Microsoft 365 (M365) capabilities from an Innovation Day idea. Held Innovation Day 2023 in May and received 14 submissions using M365 capabilities to solve every day work problems for PEO MLB. The submissions highlighted ways that PEO MLB portfolios can better utilize M365 and show the art of the possible with these enterprise tools. The Innovation Day 2023 first-place idea was the Naval Applications and Business Services' (NABS) onboarding tracker, which streamlined the portfolio's onboarding process. The tool provided a way to immediately pull metrics, reduced the confusion of managing complex spreadsheets, reduced manual entry errors and provided an authoritative and current status of where new team members were in the onboarding process. The TDO led the development and deployment of onboarding trackers for the Logistics IT (LOG IT), Marine Corps Logistics Integrated Information Solutions (LI2S) and MyNavy HR IT Services portfolios. The onboarding trackers reduce emails, errors and confusion by centralizing information to improve transparency and access to information while safeguarding it – all while providing cost savings by using already available free technology. Innovation Day is part of an ongoing culture shift within PEO MLB to continuously learn and improve the way we work through relentless collaboration with our diverse, empowered, and high-performing workforce.

Additional Accomplishments:

- Built a data pipeline for the Business Financial Management (BFM) team to collect and input data more efficiently into the PEO MLB executive dashboard. The data pipeline, completed in November 2022, automates a task previously done via email. Now, the BFM team collects financial information with a Microsoft Form with a Power Automate flow that feeds the data into an authoritative data centralized spreadsheet. The Power Automate flow reduced the manual steps by half, resulting in reduced labor and improving data accuracy. Each month, 1.5 work hours are saved because of the data pipeline. As more PEO MLB portfolio data is integrated into the data pipeline, more efficiencies can be realized.

- Ms. Petra Alfred, the Technical Director Office (TDO) Customer Experience (CX) Lead received the Service to the Citizen: Champions of Change Rising Star of the Year Award in September 2023. The goal of the Service to the Citizen: Champions of Change Program is to recognize public servants who demonstrate excellence in the delivery of services that impact the public's lives. Petra was recognized for establishing PEO MLB's Voice of the Customer (VoC) program, which is creating a sustainable system that listens to and acts upon the feedback shared by the Navy workforce. The Rising Star of the Year Award is one of the top five awards given each year by the Service to the Citizen program.

- Held four Design Thinking Workshops across multiple PEO MLB portfolios in FY23. Each Design Thinking Workshop brought together stakeholders across various communities to gain consensus on key issues, built design concepts and solutions to challenges. Altogether, 66 people participated in Design Thinking Workshops in FY23.

- Established the Initial Capability Discussions to elevate and streamline how PEO MLB interacts with interested potential industry partners. In FY23, the TDO changed PEO MLB's official industry meeting process by switching from a once a month half-day block of industry capability meetings to a weekly 30 minute session. Each week, the TDO meets with up to two companies. Since the launch of the Initial Capability Discussions in November 2022, the TDO has met with 46 companies. Initial Capability Discussions provide a consistent touchpoint for industry to introduce its offerings to PEO MLB. The TDO maintains the collected industry information in a market research database to refer to portfolios as needed.

ACQUISITION

PEO MLB's Deputy Program Executive Officer (DPEO) Acquisition team provides innovative acquisition guidance, support and information to PEO MLB portfolios to help implement integrated portfolio performance oversight, management and governance. The team coordinates enterprise PEO efforts, including portfolio reviews for leadership, develops common acquisition processes across PEO MLB portfolios while ensuring the use of effective risk/issue management methodologies and reporting. The DPEO Acquisition team develops and reviews program management/acquisition documents, briefings, strategies and plans to support PEO MLB portfolio acquisition efforts and engages with internal/external stakeholders to improve communication, foster relationships and enhance the PEO MLB customer experience.

Signature Accomplishment 1

Created the PEO MLB Playbook SharePoint site and shared it with the over 900 members of PEO MLB's Team on Flank Speed, providing a "living document" that combines guidance, tools and templates for PEO MLB and its stakeholders. MLB modified the Modernization and Migration Management (M3) Playbook, incorporating DoD 5000-series (DoDI 5000.75 & 5000.87 and SECNAVINST 5000.2G) requirements and realigning activities across the modernization and migration phases. The goals in adopting the PEO MLB Playbook framework are to:

- Clarify expectations for stakeholder engagement (end-user, functional and resource sponsors) across the capability life cycle.
- Define and support communication of roles, responsibilities, critical activities, risks and dependencies for delivering capabilities.
- Facilitate communication across acquisition and functional communities.
- Provide guidance, tools and templates to support program managers/portfolio managers and stakeholders to enable success and remove barriers to meeting milestones.

The Playbook serves as a tailorable checklist and resource, referencing 91 different activities across six discrete phases, for PEO MLB programs and portfolios to follow in order to establish their own playbooks. The six phases include:

1. Assessment	4. Execution
2. Readiness	5. Migration
3. Planning	6. Operations

The DPEO-A team also developed guidance, templates and a chart dividing responsibilities and roles for each stakeholder across all 91 activities, streamlining those activities and allowing for faster completion of each task.

Signature Accomplishment 2

Provided management and oversight of the bi-annual Program Management Reviews (PMRs) for all seven portfolios aligned to PEO MLB. PMRs are a legal requirement for program management and are essential for providing ongoing oversight of, and guidance to, program managers in completing their mission requirements. The DPEO-A team's insights into the scheduling, risk management and acquisition processes ensure the PEO is fully informed of progress, issues, ongoing action items and challenges impacting operations. The DPEO-A team also provides guidance to the portfolios in the development and presentation of their PMRs, including adjudicating presentation edits and comments and providing invitee lists, allowing the portfolios to focus on content and presentation, which improves and streamlines delivery.

Signature Accomplishment 3

Provided a leadership role in developing and implementing an enhanced PEO MLB Integration Portfolio Schedule (IPS) that displays interdependencies among the portfolios within the PEO MLB Tableau Executive Dashboard. The IPS assists portfolio leads and PEO staff in managing critical events and securing buy-in from functional sponsors and other stakeholders. The DPEO-A team introduced updates that increase visibility and intelligibility of the milestones, reduced the size of the dashboard into a more user-friendly format and provided a filter capability. DPEO-A also continued to deliver regular updates, ensuring oversight of major PEO milestones and their interdependencies, and tracking scheduling delays and their impact on the PEO as a whole.

Additional Accomplishments:

- Improved PEO MLB Official List of Programs (ongoing): Significantly updated and finalized the MLB Official List of Programs as the definitive source of PEO MLB programs as associated with current portfolios and reflecting key characteristics such as Business Category (BCAT)/ Program level and milestone decision authority. Created and validated additional attributes, including resource/functional sponsor, acquisition pathway, phase of the program in that pathway, functional area, mission area and Budget Submitting Office (BSO).

- Facilitated Defense Acquisition University (DAU) Defense Business Systems (DBS) Forum on Budget Activity 08 (BA-8) Funding Pilot (July 2023): Mr. Don Chontos facilitated a discussion for the forum on the U.S. Navy's experience with the BA-8 Funding Pilots: Single Appropriation (Budget Activity) for Software and Digital Technology Acquisition. Discussion included background on BA-8, intent and execution of the BA-08 pilot, assessment and qualitative feedback criteria, way ahead, and recent congressional action. The BA-8 funding line is a pilot program intended to provide software acquisition and development managers with more flexibility when accessing funding. Under BA-8, programs using an agile software development process do not need to reprogram funds from separate colors of money buckets (i.e. Research, Development Testing and Evaluation (RDT&E) and Operations and Maintenance (O&M) funds are interchangeable), saving program managers time and effort and streamlining operations management. This discussion generated interest among a wide DoD audience and will lead to more demand for similar appropriations funding from Congress, ensuring easier agile software development efforts in the future.

BUSINESS FINANCIAL MANAGEMENT

PEO MLB's Assistant Program Executive Officer (APEO) Business Financial Manager (BFM) team provides business and financial management support to all PEO MLB portfolios by promoting business and financial management policies, processes and resource planning, business and financial information as well as systems management. The team provides services such as supporting PEO MLB programs through the Planning, Programming, Budgeting and Execution (PPBE) process in the Department of the Navy, including the Program Objective Memorandum (POM). The team coordinates and administers program business and financial planning, budget formulation, submission, justification and funding execution for PEO MLB portfolios. The APEO BFM team is a key element of NAVWAR community that provides insight and awareness into the financial health of PEO MLB portfolios.

Signature Accomplishment 1

Established financial data standardization across PEO MLB's portfolios and front office. The BFM team led a data intensive to ensure the completeness, accuracy, consistency and validity of the data elements collected for financial reporting purposes to optimize the reliability and filterability of financial and budget reporting across MLB. This effort will arm our financial managers with the confidence to leverage live Navy ERP data, trace execution to spend plan and make informed tradeoff decisions. The approach yields considerable efficiencies when managing funds during a continuing resolution, making end of fiscal year decisions or reviewing software maintenance agreements across MLB. The BFM team's efforts were praised by the NAVWAR community and NAVWAR's Budget Analytics Office (BAO) observed an improvement in data integrity metrics.

Signature Accomplishment 2

Created an integrated financial management data environment for PEO MLB using Jupiter analytical tools to transform business processes, enable advanced reporting and analytics and shift focus from data compilation to actionable insight. The integrated financial management data environment combined with the data standardization efforts, allows the BFM team to create analytical overlays with visualizations. The BFM team uses near real-time data from authoritative sources to drill down to the required data to empower informed decision making. The data overlays permit scalability and the flexibility to change the view based on the person viewing the data (i.e. program leadership, BFM oversight, or working level analysis).

Analytical products available include:

- Portfolio Execution Dashboards and Visualizations - Financial execution performance metrics by Appropriation (APPN), budget structure, portfolios, and programs.

- Status of Funds Overviews and Detailed Financial Execution Reports - Comprehensive status of funds reporting tools with line item level purview.

- Cost Category and Global Work Breakdown Structure (GWBS) Management Dashboards - Category breakouts by GWBS cost categories, Inflation Category Code (ICC), Object Class Code (OCC), and soon to include Technology Based Management (TBM) and Run, Grow, Transform crosswalks.

- Small Business Utilization and Contract Reporting Detail Reports - Funding breakouts and utilization metrics by vendor and vendor category.

Signature Accomplishment 3

Developed the Program Objective Memorandum (POM) for each PEO MLB portfolio. Each resource sponsor's POM submission requires coordination with cost estimators, the development of strategic messaging, justification of resources, compartmentalization of capabilities, establishing links between resources and requirements and extensive liaison work with external stakeholders. The pace of technology obsolescence and usage of an agile software development process, makes the POM (and budgeting process that follows) more iterative, requiring re-alignment with annual prioritization letters. PEO MLB's POM 25 efforts resulted in a greater than $2B increase across the Future Years Defense Program (FYDP). These funds will allow MLB to deliver enterprise IT initiatives such as the MyNavy HR and Logistics IT transformations, Navy ERP+ and the electronic Procurement System (ePS).

LOGISTICS

PEO MLB's Assistant Program Executive Officer (APEO) Logistics (APEO-L) team provides integrated product support management to PEO MLB portfolios by developing and implementing comprehensive product support strategies for all programs, projects and pilots. The product support activities include both management and technical expertise necessary to define the support requirements related to design and acquire the support needed to maximize readiness and sustain systems during the operational lifecycle. The APEO-L team provides input to program management/acquisition documents, develops product support strategies and plans to support PEO MLB portfolio acquisition and sustainment efforts, and engages with internal/external stakeholders to anticipate customer needs and quickly react to changing demand signals to deliver effective product support solutions. The team performs all activities related to the Navy Modernization Process in support of system installations. The APEO-L is the Product Support Technical Warrant Holder for NAVWAR and ensures all PEO MLB programs are logistically sound and have adequate product support.

Signature Accomplishment 1

Established a APEO-L lunch and learn series designed to develop and refine professional and functional skills. The lunch and learn series covers topics such as software supply chain integration, cybersecurity relative to software bill of materials, product support and the acquisition pathways, product support and model based systems engineering, logistics/product support and agile contracting, product support innovations and best practices, and product support politics and procedures in a software environment. The lunch and learns are open to all logisticians across PEO MLB and assist the logisticians and product support managers to stay in touch with industry trends and maintain their relevancy.

Signature Accomplishment 2

The APEO-L training team revamped the training development process across the MyNavy HR IT Solutions Services portfolio to realize cost savings while improving customer experience with the service being delivered. The team researched and selected Articulate 360 as the software tool for standardizing training development across the entire portfolio. Articulate 360 provides a superior level of functionality at a reduced cost over the multiple software tools in use at the time by the different programs within the portfolio. The MyNavy HR portfolio customers were pleased with the significant upgrade in end user experience and the portfolio programs saw a 63% cost savings per license. In addition to these cost savings, improved efficiencies in the training development process made it possible to deliver the completed trainings earlier with increased quality and customer satisfaction.
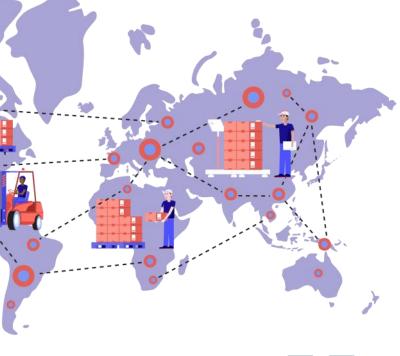
Additional Accomplishments:

- Completed an evaluation of the roles, responsibilities, communication and engagement of PEO MLB's NAVWAR logistics competency leads in support of the PEO MLB portfolios. The Logistics/Product Support competency leads will work closely with the APEO-L and the PEO MLB Portfolio members to implement shared improvements over the course of FY24. A customer experience survey will provide measures of customer satisfaction. The customer experience survey provides customer feedback for communication, timeliness, quality and likelihood to recommend after key logistics/product support engagements.

- Improved the cybersecurity posture of the Navy Standard Integrated Personnel System (NSIPS), by providing support to sustain NSIPS on afloat platforms by navigating the Navy Modernization Process to ensure all documentation, including ship change documents (SCDs), Integrated Logistics Support certifications and System Operational Verification Tests (SOVTs), were completed on-time to meet major milestones for shipboard installation, while also remaining flexible to adapt to changing ship schedules. Oversight and coordination of the NSIPS Product Support team led to the successful upgrade of 122 surface ships and 10 carriers to the latest NSIPS afloat software baseline V1.4.2. An additional 16 ships received a hardware server technical refresh, offering Sailors self-service functionality to update personal information, process leave electronically and view their Electronic Service Record (ESR), career counseling and training data.
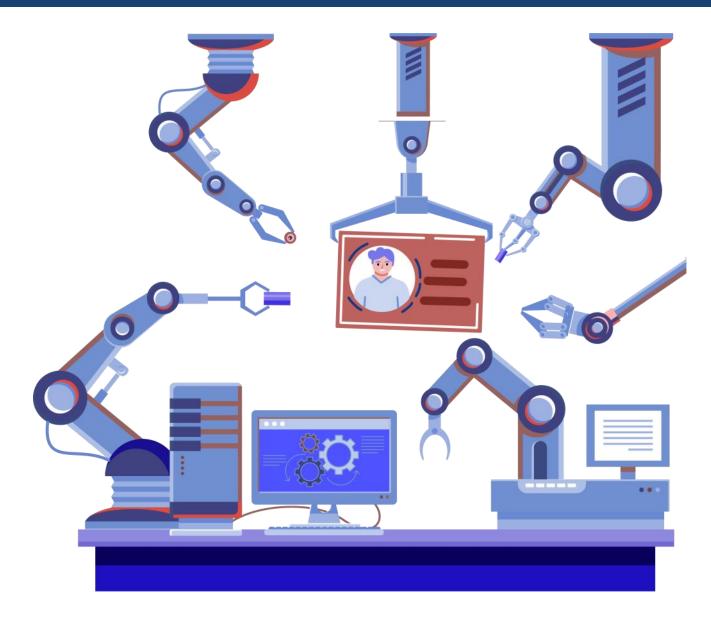
- The Navy Enterprise Resource Planning (Navy ERP) Product Support Manager (PSM) led the team representing the Navy ERP Financial IT Services portfolio at the Joint Technical Exchange Meeting (TEM). The team's briefing was lauded by the NAVWAR IPT lead for its clarity in presenting Navy ERP as the most complex compliance use case to the assembled representatives from United States Strategic Command, National Security Agency, Office of the Secretary of Defense (OSD), United States Air Force, United States Marine Corps, Deputy Assistant Secretary of the Navy Information Warfare and Enterprise Services( ), DON Chief Information Office (CIO) Chief Technology Officer (CTO), OPNAV N2/N6, NAVWAR, Naval Air Systems Command (NAVAIR), Naval Supply Systems Command (NAVSUP) & PEO Digital and Enterprise Services (PEO Digital). Following the TEM, the OSD A&S Deputy requested & the PSM accepted to lead the effort to provide inputs to OSD A&S briefing on challenges & complexities for the next Deputy's Management Action Group meeting; distilling a multitude of inputs to the most relevant points for the NC3 Director and DEPSECDEF.

- Provided guidance and assistance to PEO MLB portfolios regarding the planning and delivery of DoD Adaptive Acquisition Framework (AAF) Product Support Packages. APEO-L gave direction to the AAF programs to ensure Integrated Product Support elements, especially Training and Technical Data, are mandatory sustainment requirements.

Additional Accomplishments Continued:

- Developed an innovative business oriented process for Product Support Health Assessments (PSHA) that replaces the traditional Independent Logistics Assessment (ILA) for programs not required to complete an ILA. The process significantly reduces staffing time and the cumbersome process to analyze a program's supportability planning. The PHSA is an effective and valid assessment of the program's product support strategy, as well as how this strategy leads to successfully operating a system at an affordable cost

- Refined the PEO MLB Logistics Community of Practice (COP) to share product support experiences, product support and training best practices, leadership and functional training, program/product information and other discussion topics. The COP connects the product support community to promote cross collaboration, dialogue, capture and share knowledge, generate new practices and provide a shared understanding of the challenges and opportunities facing each portfolio.

- Added versioning data to the Force Level Integration Tool (FLINT) Front-End Analysis (FEA) documents to allow the vendor to better track iterative system releases and validate training alignment to the Secret Internet Protocol Router (SIPR) version of FLINT. Their revisions were implemented into the FEA Roles & Capabilities Matrix and the Job Training Aid reports. The addition of this data aids Cyber in formulating test strategies based on roles and capabilities, providing a more expeditious way for training to discover deltas in each release that would directly impact customers and end-users. The team's ongoing efforts facilitated the agile development and delivery of the software, increasing the probability that end-users will adapt FLINT into their workflow by ensuring training support products are instructionally sound and align with current product configuration.

- Developed Navy System Training Plans (NTSP) and Navy Training Plans (NTP) for the Force Level Integration Tool, Electronic Procurement System, Joint Air Logistics Information System and Navy ERP systems. Coordination and transparency with program stakeholders is accomplished by having a holistic and detailed training plan. The Manpower Personnel Training (MPT) analysis, training oversight and support of just-in-time requests fosters confidence with end users.

- Modernized the MyNavy Assignment and Medical Readiness Reporting System training products with interactive and intuitive features designed to cater to every learning modality and deliver accessibility from mobile devices. The redesign of the training products to a role-based, interactive user guide received positive responses from the user community. Help-desk ticket submissions decreased for the three training products. Additionally, the APEO-L training team developed 40 interactive Navy Personnel and Pay (NP2) training modules to test scenarios that meet the learning objectives. To enhance learner engagement and understanding, created 54 multimedia elements (images, videos, animations). The team ensured the content of three complete Early Capability Drop training courses were accessible for User Acceptance Testing.

⚙ ENGINEERING

PEO MLB's Engineering Competency is responsible for providing Technical Authority (TA) for PEO MLB systems. The APEO-Engineering (APEO-E) and Assistant Program Managers for Engineering (APM-E) lead the independent review of all PEO MLB systems, identifying risks, issues and opportunities, ensuring compliance with NAVWAR standards and providing additional support as required for Information Technology (IT) acquisition. The Engineering Competency also assists in the adoption of Digital Engineering (DE) best practices and encompasses areas such as cybersecurity, architecture and test and evaluation.

Signature Accomplishment 1

Identified engineering key performance metrics to track the value to the Warfighter and to the Program Executive Office. The data centric value metrics supplement compliance-centered performance for a significant number of activities across a wide range programs. Each metric, aligned with both NAVWAR 5.0 and PEO MLB strategic goals, is measurable and provides for an intended achievable outcome. The metrics data is visualized within the PEO MLB Executive Dashboard, eliminating PowerPoint and email for improved efficiency and accuracy. .

Signature Accomplishment 2

Created the Customer Experience (CX) plan to provide a formal CX feedback methodology from System Engineering (SE) engagements. The CX data survey obtains measurable numeric and narrative feedback for Key Performance Indicators (KPIs) aligned to NAVWAR Engineering and PEO MLB strategic goals: Communication, Timeliness and Quality. Analyzing the CX, particularly over time, will enable measurement of progress towards improving SE outcomes. Survey responses have indicated customer high satisfaction with services provided.
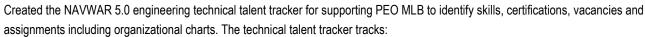
Signature Accomplishment 3

Created the NAVWAR 5.0 engineering technical talent tracker for supporting PEO MLB to identify skills, certifications, vacancies and assignments including organizational charts. The technical talent tracker tracks:

- Each APM-E personnel's training information and certifications identified to support each program's current and future capability delivery.

- APM-E and Technical Warrant Holder (TWH) skills to enable identification of a needed skill within the NAVWAR 5.0 workforce, which can then be requested and applied to a request anywhere within PEO MLB.

- All PEO MLB programs.

Signature Accomplishment 4

Applied the outcome of the PEO MLB Organizational Assessment to reimagine the NAVWAR 5.0 relationship with PEO MLB. Promoted opportunities to enhance operations and delivery of business services, including an improved partnership between NAVWAR Engineering and PEO MLB. Supported portfolio execution in the delivery of modern IT to the warfighter, collaborating as a single team of partners (always "us," never "them") from executive leadership to deck plate.

Testing and Evaluation (T&E) Accomplishments:

- Increased investment into Test Automation efforts, allowing for a significant Return on Investment (ROI) once the Programs conducted redundant Functional and Performance testing scenarios. Programs are reducing test execution time by up to 90% in some instances, resulting in hundreds and sometimes thousands of man-hours saved per test event. Navy ERP is on target to save approximately 116,500 hours for the year, Naval Maintenance Repair and Overhaul (N-MRO) has already developed automation scripts for 30% of planned regression test, Global Combat Support Systems-Marine Corps (GCSS-MC) reduced test execution time by 50% and Naval Application and Business Services' (NABS) Software Acquisition Pathway (SWP) programs saved 1,060 hours leading up to their Minimum Viability Capability Release (MVCR). Testing time across the entire acquisition cycle and automation script development are expected to decrease further as Artificial Intelligence (AI) Software Augmented testing technology is improved and PEO MLB continues to embrace and invest in innovation trends from Industry.

- Utilized the Software Acquisition Pathway (SWP) in the development and testing of five PEO MLB programs. In the planning phase, PEO MLB T&E personnel developed a testing strategy to help the programs meet Minimum Viable Capability Release (MVCR) within 12 months. The test strategies addressed Unit level, Integrated, User Acceptance, and Operational Testing. Due to PEO MLB's adaptive and user engaged testing regimen, the Operational Testing requirement was waived for the initial MVCR for four of the five SWP programs. Identified over 50 Severity 1 and Severity 2 defects during these test events. If the flaws made it to Production, the solutions would not have been useable. SWP testing efforts resulted in a speedier delivery of the initial capability while maintaining solution effectiveness.

- Grew the list of Section 508 Trusted Testers (TT) to four TTs with six additional testers in the process of becoming certified. TT is a certified process developed by Department of Homeland Security (DHS) in conjunction with the Social Security Administration (SSA) to ensure that software and web content conforms to Section 508 requirements. Section 508 of the Rehabilitation Act of 1973 assures that all individuals whether federal employees or public sector with disabilities has access to information that is comparable to the access available to others.

- PEO MLB's TTs utilize specialized Section 508 software, help programs incorporate Section 508 requirements into procurement contracts and evaluate the conformance of DON business systems so they are usable by all employees in the performance of their duties. Naval Application and Business Systems (NABS) completed preliminary Section 508 evaluations on Enterprise Procurement System (ePS), Risk Management Initiative (RMI), Naval Court-Martial Reporting System (NCORS), and DoD Information Technology Portfolio Repository/DON Application and Database Management Systems (DITPR/DADMS) systems. MyNavy HR IT Solutions Services completed Section 508 Testing on MyNavy Portal (MNP).

MyNavy HR IT Solutions

MyNavy HR IT Solutions is the single IT acquisition agent for N1 business operations providing total life cycle management to support the Navy's human resources IT capabilities. MyNavy HR IT Solutions manages an extensive portfolio of business applications, systems and initiatives delivering critical capabilities used by active and Reserve forces, civilians, retirees and Navy families 24/7 around the world.

Signature Accomplishment 1

Deployed an integrated set of new and enhanced capabilities that improved MyNavy Career Center's (MNCC) ability to deliver HR customer service support to Sailors and the Fleet, and improved the timeliness and accuracy of Sailor pay. Delivered in March 2023, the new Command Pay and Personnel Administrator (CPPA) Dashboard provides, for the first time in Navy history, the ability to track Sailor pay from when a Sailor originates a claim through the entire Personnel and Pay (PersPay) pipeline to when they have payment in hand. A new Enterprise Customer Relationship Management (eCRM) design, released in June 2023, integrated the Human Resources Service Center (HRSC) and PersPay applications into a single service console, streamlined customer case workflows, updated the integrated telephone system, automated queue management and added "Guidance to Success" user help tips. Through these enhancements, Sailors and MNCC users experience a more straightforward and consistent process for HR customer service, accessing and managing records and improved pay transaction timelines, which meet the Department of Defense (DOD) timeliness standards.

Signature Accomplishment 2

Produced and delivered new mobile capabilities that improved Navy Recruiting Command's productivity and success in meeting their mission goals to bring highly qualified applicants into the US Navy. Deployed in April 2023, the new mobile application provides full desktop functionality for applicant management to recruiters so they can complete all administrative processing while in the field through their mobile devices. Recruiters can receive, manage and store applicant personal information in real time so recruiters can spend more time in the field meeting potential recruits. A new mapping capability was deployed in May 2023, three weeks ahead of schedule. Recruiters can leverage the new maps capability via a desktop or mobile application to conduct digital geospatial data analysis to assess where to focus limited recruiting resources and plan optimal travel routes supporting daily recruiting engagements. In August 2023, the eCRM Mobile Application team received a Naval and Information Warfare Systems Command (NAVWAR) Lightning Bolt Award, which recognizes significant team accomplishments leading to the resolution of major communication and collaboration challenges.

Signature Accomplishment 3

Completed the technical release of the Navy Personnel and Pay (NP2) capabilities to support Treasury Direct Disbursement (TDD) in May 2023. The release is a major step toward achieving the Navy's long-standing goal to integrate personnel and pay into a single system, enabling personnel transactions to automatically drive pay transactions. The technical release provides a critical opportunity to test and refine our pay-impacting business processes, training plans and external interfaces before they become operational. From a capability perspective, the technical release integrates the PeopleSoft Global Pay module and personnel triggers that impact pay, enables the Navy to pay Sailors through a direct interface with Treasury, and integrates all Active and Reserve pay related functions into a single, common work stream. Once fully delivered, the need for a separate pay system will be eliminated and NP2 will improve auditability and Active Component/Reserve Component permeability, aligning to Navy's broader objectives of ensuring operational effectiveness and efficiency. In August, the NP2 team received a Navy Information Warfare Systems Command (NAVWAR) Lightning Bolt Award.

Program Updates:

- Enterprise Customer Relationship Management (eCRM) integrated business processes, supporting systems, and authoritative data to support MyNavy HR commands and MyNavy Career Center in managing the entire Navy military workforce from recruitment to retirement.

- Navy Personnel and Pay (NP2) concluded the Core Payroll Data Validation (CPV). The data validation effort encompassed 81 core elements and focused on areas including the Savings Deposit Program, Combined Federal Campaign and Hardship Duty Pay (Flight). It catered to Active Duty, Reserve on Active Duty, Individual Ready Reserve Sailors and Midshipmen. NP2 is the Navy's cutting-edge business solution for human resources management and represents the future of the Navy's personnel and pay capabilities.

- Single Point of Entry (SPOE) launched MyNavy Portal (MNP) enhancements including an improved CAC-free login capability. Additionally, the security of the system has been fortified, ensuring the safeguarding of Sailors' personally identifiable information (PII). Through SPOE's MNP system, the Navy has consolidated its human resources portals, knowledge and applications into a single, user-friendly platform, simplifying and enhancing the overall user experience.

- Single Point of Entry (SPOE) Mobility surpassed its goal of updating 16 mobile apps for the year, with a total of 33 apps enhanced. Some of the notable apps that received updates include MyNavy Family, Records Management and MyNavy UNIFORMS, to name just a few. Mobile apps allow Sailors to manage different aspects of their careers while on the move.

- The Authoritative Data Environment (ADE) played a role in developing five dashboards for the Navy Manpower Program and Budget Systems (NMPBS) during its migration to ADE. By providing a single, integrated, authoritative data source for MyNavy HR data, ADE offers powerful analytical tools that drive efficiency and enhance performance. Moreover, it is a core capability for information exposure and sharing across various platforms.

- Learning Stack (LS) completed numerous projects, including the migration of the Learning Management System - Distance Learning (LMS-DL) from the New Orleans Component Enterprise Data Center (CEDC) to the Charleston CEDC. Through its cloud-based training solutions, Learning Stack supports the Ready Relevant Learning (RRL) mission and MyNavy HR initiatives, empowering Sailors to efficiently manage their career academic requirements worldwide.

Program Updates Continued:

- MyNavy Assignment (MNA) is the enabler of the Sailor-facing Detailing Marketplace. Introduced in December 2019 as a replacement for Career Management System - Interactive Detailing (CMS-ID), MNA provides Active and Reserve Enlisted Sailors greater transparency in available assignments with an improved structure, readability and user experience in applying for desired assignments and enables detailers and placement coordinators to identify the best job for the Sailor and the best Sailor for the command. In FY23, MNA deployed changes to the Detailing Marketplace Assignment Policy (DMAP). The new DMAP rewards Sailors in sea-intensive ratings who stay with the Navy and stay on sea duty. This policy improves upon the existing Sea Shore Flow policy to better man the Fleet.

- Navy Standard Integrated Personnel System (NSIPS) provides the Navy with a single, web-based, field-entry electronic pay and personnel support system and analytical repository for all Active Duty and Reserve Sailors worldwide, both ashore and afloat. In FY23, NSIPS deployed a capability that allows Command Pay and Personnel Administrator (CPPA) Supervisors increased access to process personnel transactions at the fleet level without further routing to a Transaction Service Center (TSC), increasing the accuracy of Sailors' records and supporting better and faster pay and personnel service delivery to 400,000 Active and Reserve Sailors. NSIPS deployed a functionality to correct pay and Statement of Service (SOS) issues, and implemented policy changes associated with Service Group Life Insurance (SGLI), Enlisted Supervisor Retention Pay (ESRP) and Bereavement Leave and Parental Leave. NSIPS also performed upgrades afloat and other Change Requests prioritized by MyNavy Career Center.

- Medical Readiness Reporting System (MRRS) is a web-based application that provides headquarters staff and leadership a real-time view of immunization status and force medical readiness, enabling the Navy to accurately meet the Office of Secretary of Defense (Health Affairs) Individual Medical Readiness reporting requirements. MRRS, the Department of Navy's solution, was also adopted by U.S. Coast Guard. In FY23, MRRS deployed a capability that adds new COVID immunization types, modifies COVID vaccination readiness business rules, records monkey pox immunizations and modifies religious exemption business rules. MRRS also provided enhancements to the Marine Medical Retention Review application, updated Vaccine Information Statement (VIS) forms and extended the due date period for the Automated Neuropsychological Assessment Metrics (ANAM) exam from 24 to 36 months. MRRS also deployed a capability that removes COVID-19 immunizations as an Individual Medical Readiness (IMR) requirement per NAVADMIN 038/23.

- Total Force Manpower Management System (TFMMS) is the authoritative source for the Navy's manpower demand signal, total force positions, organizational structure and manpower resource controls. TFFMS supports manpower planners and executors by providing information required to ensure warfare and support communities are manned to the levels required to accomplish their missions. It also supports budget planning and requests for recruiting, distribution and personnel strength planning. In FY23, TFMMS deployed capabilities in support of Navy Reserve manpower reporting, including security enhancements for users at the Navy Manpower Analysis Center (NAVMAC), new billet authorization fields and work force field enhancements, a capability that allows users to reactivate accounts within 30 days of being marked as inactive, allowing users to restore access to the system faster while reducing the number of service desk requests. TFMMS also deployed a database schema for the Defense Information Systems Agency (DISA) cross-domain solution that will enable additional data elements to be maintained in support of the deployment of future capability releases.

- Navy Manpower Requirements System (NMRS) is a decision-support system that provides a suite of tools to determine manpower requirements for varying workload volumes under differing levels of capability and conditions of readiness to meet Fleet operational mission requirements. In FY23, NMRS deployed a capability that improves Marine Aircraft Maintenance manpower requirements, as well as enhancements to requirements data applications and printing features, updating antiquated methods.

Additional Accomplishments:

- Released the Physical Readiness Management System (PRIMS 2) to modernize the outdated physical readiness assessment system. PRIMS 2 serves as a platform for Sailors and Command Fitness Leaders (CFL) to record physical fitness data, check their fitness scores and monitor their Physical Readiness Test (PRT) status. Sailors and commands can now access PRIMS 2 through various channels, including MyNavy Portal (MNP) and the Physical Fitness Assessment (PFA) mobile application, ensuring comprehensive support. Since its launch, PRIMS 2 has recorded over 224,000 PRTs.

- Implemented enhancements to the Navy's travel reimbursement process and Sailor's Permanent Change of Station (PCS) experience through NP2 MyPCS. The improvements included streamlined Travel Vouchers, PCS Checklist, and Travel Entitlements Calculator to assist Sailors. Additionally, changes were made to boost efficiency for Command Pay Personnel Administrators (CPPA) and the Travel Processing Center, resulting in faster reimbursement to Sailors. As a result, the average travel claim processing time decreased from 79 days in December 2021 to just 14 days this year. Furthermore, adding Integrated Reserve Orders into NP2 enabled Reserve Sailors to access tailored orders, checklists and view/print orders. Notably, Reserve Sailors with PCS orders can now create and submit travel vouchers online, significantly streamlining the process. The deployment of MyPCS Mobile granted Sailors convenient access to PCS-related information and resources through their personal mobile devices.

- Completed testing of the My Personal Relationships (MyPR) Early Capability Drop (ECD). Upon release, MyPR will replace the current Record of Emergency Data/Dependency Application (RED/DA) capability in Navy Standard Integrated Personnel System (NSIPS) and supports moving the functionality from NSIPS into NP2. Development of MyPR incorporated leadership and user feedback to increase usability and efficiency through workflow and notification automation. The release of MyPR increases accessibility while NP2 supports mobile access.

- Implemented several enhancements to bolster MyNavy Portal's capabilities. Updates included revising the Advancement and Promotion checklist for E-5 and E-6, introducing new pages for the E-4 checklist, updating the content for the Performance Career and Life event (CLE) overview page, refining the dropdown menus in the Officer Promotion Dashboard and more. The enhancements were designed to enhance the Sailor experience, ensure that content remains current and equip Sailors with effective tools to navigate their career trajectories.
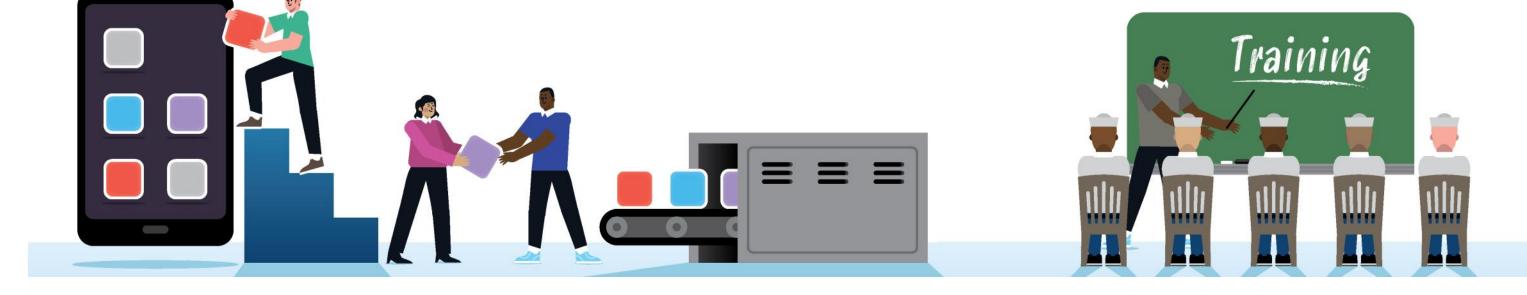
Additional Accomplishments Continued:

- The ADE team was awarded the 2023 DON IT Excellence for Modernization at DON IT West in San Diego, CA. The ADE team made significant strides in expanding ADE 2.0. An analysis is underway to explore the system's potential to meet additional naval requirements.

- Recorded 125,000 course completions in Navy eLearning (NeL) onshore and an additional 4,000 course completions from NeL while at sea.

- Implemented a centralized platform called Naval Research and Development Establishment Cloud Environment (NRDE), which enables collaborative code scans and vulnerability reviews. NRDE facilitates seamless collaboration and communication between cyber and development teams. Additionally, MyNavy HR IT Solutions' development and cyber teams initiated a pilot project to enhance the software assurance of the program's web products. The aim is to provide improved security and quality assurance for these products.

- The eCRM Mobile Application Team received a NAVWAR Lightning Bolt award for their innovative use of Software-as-a-Service. By leveraging "state-of-the market" commercial software, they swiftly developed a mobile capability that significantly aids Navy recruiters in achieving their expanded goals of attracting highly qualified applicants to the US Navy. This remarkable mobile app has a profound impact on the Navy's future, greatly enhancing the success of our recruiters in fulfilling their mission.

- Migrated all MyNavy HR IT systems formerly hosted at the New Orleans (NOLA) Component Enterprise Data Center (CEDC) to CEDC Charleston and the Amazon Web Services (AWS) GovCloud. This migration supports the closure of CEDC NOLA, enabling the Navy's data Consolidation efforts. Systems migrated include: Navy Manpower Requirements System (NMRS (Classified/Unclassified), Navy Reserve Order Writing System (NROWS), Medical Readiness Reporting System (MRRS), Learning Management System – Distance Learning (LMS-DL), Total Force Manpower Management System (TFMMS) (Classified/Unclassified) and Reserve Integrated Management System Financial Management System Financial Management (RIMS FM).

- MyNavy Portal (my.navy.mil) continues to be the second most frequently visited Department of Defense website, following defense.gov.

- MyNavy HR IT Solutions' FY23 "By the Numbers"

  - Delivered a mobile capability to 4,000 Navy recruiters; 55,000 recruiting applications processed in FY23.

  - Delivered 1,274 Ready Relevant Learning (RRL) courses to Sailors through Navy eLearning (NeL); nearly 60,000 individual course completions in FY23.

  - MyNavy Portal visited by roughly 75,000 visitors daily.

  - Enhanced 33 mobile apps in FY23

  - Over 450,000 Sailor job applications processed in MyNavy Assignment (MNA).

  - Over 1.2 million individual medical readiness transactions across the Navy, Marine Corps and Coast Guard reported in the Medical Readiness Reporting System (MRRS).

  - Navy Standard Integrated Personnel System (NSIPS) metrics (FY23 Average/Month):

    - Total user accounts (ALL) (30 day snapshot): Over 411,00

    - Number of eLeave transactions processed: Over 98,000

    - Average number of daily logins per month (non-unique): Over 74,000

    - Total number of emails sent from NSIPS (System Authorization Access Request (SAAR), workflow notifications, generic mailings, etc.): Over 5,734,000

    - Total number of transactions sent to Defense Joint Military Pay (DJMS): Nearly 580,000

Ready Relevant Learning

Ready Relevant Learning (RRL) is the Navy's long-term investment in improving individual Sailor performance and enhancing Fleet readiness. RRL ensures Sailors are ready to maintain and operate their equipment at the extreme technical end of its capability to win the high-end fight. RRL meets real-world performance needs of the Fleet through execution of three lines of effort:

1. *Career-Long Learning Continuums – Learning roadmaps that link requirements with real-world Fleet needs so that Sailors get the right training at the right time throughout their careers.*

2. *Modern Delivery at Point of Need – Modernized content and multiple delivery options to accelerate learning, minimize atrophy, and provide on-the-job performance support.*

3. *Integrated Content Development – Significant reductions in the cost and time for getting the most relevant training to the Fleet, thereby increasing agility in a rapidly changing world.*

The PEO MLB RRL portfolio is responsible for overall acquisition management of the RRL IT and training solution. Using a single portfolio manager construct, the PEO MLB RRL functions as the end-to-end integrator for RRL, identifying and resolving gaps and seams between RRL and existing Navy training initiatives.

Signature Accomplishment 1

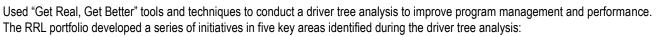Used "Get Real, Get Better" tools and techniques to conduct a driver tree analysis to improve program management and performance. The RRL portfolio developed a series of initiatives in five key areas identified during the driver tree analysis:

1. Risk Management
2. Schedule Management
3. Governance and Accountability
4. Requirements Change Control, Fielding, and Sustainment
5. Communications, Collaboration, and Timely Reporting

Stabilized the RRL portfolio by establishing Risk and Schedule Management Boards and drafting and implementing policies and procedures, resulting in a 60% reduction in rating modernization efforts that were considered off plan. During FY23, the RRL portfolio completed:

- Six ratings completed requirements development: Aviation Ordnancemen (AO), Aviation Support Equipment (AS), Fire Controlmen (FC), Fire Controlmen Aegis (FCA), Steel Worker (SW), and Interior Communications Electrician (IC)

- Six ratings completed content conversion: Sonar Technician Surface (STG), Machinist's Mate (MM), Religious Program Specialist (RP), Hull Maintenance Technician (HT), Engineman (EN), and Damage Controlmen (DC)

- Six ratings completed fielding: Machinery Repairman (MR), Boatswain's Mate and Surface/Seaman Professional Apprenticeship Career Tracks (BM/SPACT)(2x), Engineering/Fireman Professional Apprenticeship Career Track (EPACT), Religious Program Specialist (RP), and Engineman (EN).

In addition, RRL facilitated the final fielding of four ratings: Aviation Boatswain's Mate, Launching and Recovery Equipment (ABE), Aviation Boatswain's Mate, Fuels (ABF), Aviation Boatswain's Mate, Aircraft Handling (ABH) and Airman Professional Apprenticeship Career Track (APACT). The Aviation Boatswain's (AB) ratings use virtual reality technology to provide more realistic training. Instead of standing behind their chairs in a classroom to practice the signals used to move aircraft on the flight deck of an aircraft carrier, students now use virtual reality goggles and wands that place them on the flight deck of an aircraft carrier with moving horizons, changing light conditions and simulated aircraft that visually respond to their commands.

Signature Accomplishment 2

Elevated the Training System Program Manager function from Naval Air Warfare Center Training Systems Division (NAWC TSD) to the PEO MLB RRL portfolio at the direction of ASN RD&A. In that role, the RRL portfolio works with Navy Training System Program Offices to ensure RRL processes and procedures interface and complement with each other to align system training to the appropriate portions of RRL's rating Career-Long Learning Continuum effort. This will better enable the RRL portfolio's ability to function as the end-to-end integrator for RRL. The RRL portfolio developed and executed a plan to transition the Training System Program Manager function, achieving Initial Operating Capability on July 1, 2023. Full Operating Capability is anticipated on Oct. 1, 2023. As the end-to-end integrator, the RRL portfolio's roles and responsibilities includes process and risk management, technical integration and standardization, strategic communications and change management and resource allocation and optimization. The RRL portfolio has grown from one employee in December 2021 to 21 employees when IOC was achieved. IT will continue to grow to an anticipated strength of 49 personnel.

Signature Accomplishment 3

Established an RRL IT Tiger Team (in coordination with OPNAV N16) in October 2022 to develop an Integrated Training Environment/Total Learning Architecture as part of Line of Effort (LOE) 2 Modern Delivery at Point of Need to achieve RRL's North Star. In July of 2023, the team published an updated draft RRL Information Services and Technology (IS&T) architecture. This "to-be" RRL architecture utilizes modern delivery methods and leverages interfacing with cloud technologies to connect (or locally host) over consolidated enterprise services and networks. The future RRL architecture will address the Navy training enterprise systems interoperability issues, enhancing professional development through effective and efficient training capabilities, and increase and validate Sailors' knowledge to unlock their full potential. This RRL integrated architecture will eliminate location dependencies for accessing RRL training content and will allow Sailors to access training on-demand from wherever it is needed to align with individual training and operational needs. This transformation of the Navy's training approach and capability will result in a better trained and more prepared naval force. In summary, the RRL architecture model will be an overall learning environment that enables a training delivery system, facilitates stakeholders' understanding and serves as a tool to support effective decision-making processes for developing RRL implementation phases. In FY24, the RRL IT Tiger Team will transition to a more permanent RRL Enabling IT Integrated Products Team (IPT) to conduct pilots and drive implementation of the IT architecture needed to achieve RRL's North Star objectives.

Program Updates:

- RRL fielded six additional accession pathway courses in FY23 for a total of 21 of 68 in-scope ratings delivered.

- RRL completed Career-Long Learning Continuums (CLLC) for 19 ratings in FY23 for a total of 33 of 82 in-scope ratings.

- RRL conducted training content modernization, which updated and modernized both content and instruction methodology. Six ratings completed content conversion for a total of 23 of 68 in-scope ratings to date. In addition, six ratings completed requirements development in FY23 for a total of 48 of 68 in-scope ratings to date. The modernized training incorporates RRL attributes and the Science of Learning to ensure training content, quality and timing align to work performance and is in step with associated career-long learning continuums.

Additional Accomplishments:

The Naval Education and Training Command's Ready Relevant Learning Steering Committee received the 2022 Rear Admiral Luis de Florez Training and Simulation Award. This team along with Naval Air Warfare Center Training Systems Division's (NAWC TSD) Undersea Branch and the Nimitz-class aircraft carrier USS Abraham Lincoln (CVN 72), as part of an RRL-approved pilot, bridged a critical training gap for aircraft carrier crew members through the installation of the Multipurpose Reconfigurable Training System 3D® (MRTS 3D). The MRTS 3D® sets the standard for low-cost, high-fidelity virtual education. You can learn more at: https://www.netc.navy.mil/Media-Center/News-Stories/News-Stories-Display/Article/3378408/netc-staff-members-receive-2022-rear-admiral-luis-de-florez-team-award/

NAVY ERP FINANCIAL IT SERVICES

Navy Enterprise Resource Planning (ERP) Financial IT Services a portfolio of finance, supply chain and complementary solutions that provides the Department of the Navy (DON) with business tools and capabilities used to align and manage the Navy's money, manpower and materials. The portfolio includes Navy ERP and Standard Labor Data Collection and Distribution Accounting (SLDCADA). Navy ERP Financial IT develops and sustains business IT solutions that enables DON leadership to effectively obtain, allocate and manage the resources to complete their mission. By automating processes and integrating a suite of resource planning, procurement and workforce management business systems, Navy ERP Financial IT Services delivers solutions for the DON business enterprise to budget, account for, and audit its activities improving transparency and enabling confident, faster, data-driven decisions that benefit our Sailors and Marines.

Signature Accomplishment 1

Migrated General Funds Director for Administration Command (GF SECNAV) (BSO 12), General Funds Naval Intelligence Activity (GF NIA) (BSO 15), and General Funds Field Support Activity (GF FSA) (BSO 11) to Navy ERP; completed System Engineering Technical Review (SETR) Fielding Technical Review (FTR) for migration of General Funds Bureau of Navy Personnel (GF BUPERS) (BSO 22); and re-started migration of General Funds Commander, Navy Installations Command/Naval Facilities Engineering Systems Command (GF CNIC/NAVFAC) (BSO 52). Newly migrated commands experience increased efficiency, enhanced data quality and improved visibility into financial processes. The migration modified SLDCADA to accept ERP financial data and transmit time and attendance data to ERP. NIA (BSO 15) and FSA (BSO 11) employees can input labor data into SLDCADA, facilitating employment data entry for every pay period and supporting the goal of a single financial ledger for the DON.
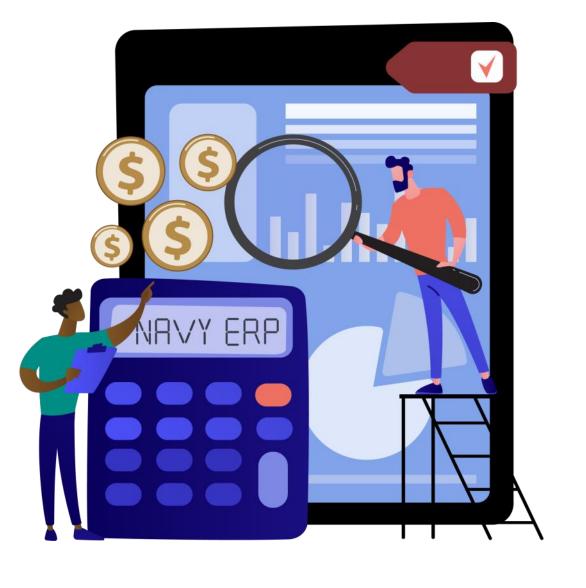
Signature Accomplishment 2

Completed the following Navy ERP special projects during FY23: Funds Balance with Treasury (FBwT) Automated Standard Application for Payments (ASAP) and International Treasury Services (ITS), Repairables Portal, Gift Fund, Bulk Obligations, Jupiter, Standard Financial Information Structure (SFIS)/Standard Line of Accounting (SLOA) Phases 1 and 2, Data Archiving, Direct Table Update (DTU); as well as released 1959 Quality Center Incidents (QCI) into Navy ERP production for enhancements, patches, and configuration changes to the system. These projects enhanced user experience, provided additional features and capabilities and addressed audit Notices of Findings and Recommendations (NFR).

Signature Accomplishment 3

Authority to Operate (ATO):

- Obtained a three-year Authority to Operate (ATO) for Navy ERP from the Navy Authorizing Official (NAO), including an updated URL listing for the Repairables Portal and permanent whitelisting, an authorization that Navy ERP wanted since 2020. The ATO is valid through February 2026, allowing customers to use the applications without impact or interruptions to operations. Additionally, Navy ERP established an Impact Level 2 (IL2) Suite 4 (S/4) HANA Testbed System, receiving an Interim Authorization to Test (IATT) in support of the Naval Supply Systems Command (NAVSUP) Pilot Cash Management Sprint.

- Obtained an ATO for SLDCADA, authorizing the system to continue operating in the production environment for three years.

Program Updates: Navy Enterprise Resource Planning (ERP)

The Navy's financial system Program of Record (POR), Navy Enterprise Resource Planning (ERP) is a software portfolio comprised of finance, acquisition, supply, workforce management and grants management capabilities that are components of the commercial Systems Applications and Products (SAP). To date, Navy ERP has been deployed to more than 87,000 users from 17 Navy systems commands and facilitates more than $145 billion in financial transactions annually, which is more than half of the Navy's Total Obligation Authority. Navy ERP achieved Full Operational Capability for a Department of Defense (DoD) business systems in December 2013. It was technology refreshed in August 2019, upgrading to the SAP high-performance analytic appliance (HANA) cloud-based platform, resulting in more efficient operations with increased memory, additional data storage, and faster processing. Navy ERP also migrated to the cloud, making it the Navy's largest IT system to move to the cloud. In April 2020, Navy ERP transitioned from a system in sustainment to an active, scalable program to better support the DON's readiness and modernization priorities.

MIGRATIONS

- General Funds Director for Administration Command (GF SECNAV) (BSO 12), General Funds Migration Naval Intelligence Activity (GF NIA) (BSO 15), and General Funds Migration Field Support Activity (GF FSA) (BSO 11): Fully migrated to Navy ERP; released to production/ achieved Full Operational Tempo (FOT) and transitioned to sustainment. The transition to Navy ERP allowed the commands to:

- Become more efficient by streamlining financial processes and reducing manual tasks; allowing processes and data to be consistent across the organization

- Provide better reporting and analytical capabilities, enabling users to make more informed decisions based on real-time data

- Support the Department of the Navy (DON) efforts in producing auditable financial reports with improved data integrity

- General Funds Migration Bureau of Navy Personnel (GF BUPERS) (BSO 22): Completed System Engineering Technical Review (SETR) Fielding Technical Review (FTR), assuring BUPERS is fully prepared to start the transition and deployment to Navy ERP by reducing the likelihood of deployment-related issues, such as unexpected downtime, legacy data migration errors or user disruptions, which can negatively impact the command operations.

- General Funds Commander, Navy Installations Command/Naval Facilities Engineering Systems Command (GF CNIC/NAVFAC) (BSO 52): The Systems Requirement Review (SRR) examined and validated the requirements for the BSO 52 transition to Navy ERP so that the design phase can start with a clear understanding of what needs to be built. Build Technical Review (BTR) ensured that the proposed Navy ERP design meets the transition requirements, and the system can deliver the desired functionality while also being maintainable, scalable and reliable.

FINANCE PROJECTS

- Funds Balance with Treasury (FBwT) Automated Standard Application for Payments (ASAP) and International Treasury Services (ITS): Released into production in January 2023. The project reduces the complexity and manual manipulation of financial data to update and manage the DON's FBwT in a daily reporting environment by replacing DoD legacy disbursing systems and processes with U.S. Standard General Ledger (USSGL)- and SFIS/SLOA-compliant Treasury Direct Disbursing (TDD) processes and directly interfacing Navy ERP with Treasury Disbursement, Collection and Reclassification systems/applications. Production Release Support (PRS) activities are in process for FBwT TDD Priority 1 requirements, focusing on Navy ERP interfaces with Treasury's ASAP and ITS systems.

- Gift Fund: Completed the project to provide the Navy General Ledger system with a comprehensive process for the collection and subsequent allotment of Gift Funds, the execution of Gift Funds for procurement of goods and services, the investment of Gift Funds, and the management of capital assets related to Gift Funds. Released into production in January 2023.

- Bulk Obligations: Delivered a special project capability in February 2023 that addresses audit NFRs related to estimates for bulk obligations that identified a lack of standard framework for estimating, recording and monitoring bulk obligations in Navy ERP throughout the lifecycle.

- Standard Financial Information Structure (SFIS)/Standard Line of Accounting (SLOA): Implemented system changes to achieve SFIS and SLOA compliance. Phase 1 and 2 was completed and released into production in March 2023. Phase 3 is currently in Build phase, with Plan & Analyze phase and SRR completed. The Office of Management and Budget and Office of Federal Financial Management requires agencies to standardize the classification and definition of accounting elements to provide uniformity. SFIS is used across the DoD enterprise as a comprehensive data structure to support budgeting, financial accounting, cost/performance and reporting.

- Funds Balance with Treasury (FBwT) Treasury Direct Disbursing Navy Personnel and Pay (NP2) Re-Start: Designed and implemented interfaces with NP2 to record summarized military and reserve payroll balances in Navy ERP once Navy ERP becomes the General Ledger (GL) for Bureau Personnel Management (BUPERS), Reserve Forces (RESFOR) and Bureau of Medicine (BUMED). Build Phase activities were completed and are now paused in process for BUPERS NP2 system. Test and Deployment will resume in FY 26 with a scheduled January 2027 aligned to the NP2 Initial Operational Capability and General Ledger (GL) migration.

- Funds Balance with Treasury (FBwT) Debt Management and Collections: In the Design phase to create new interfaces between Navy ERP and the Treasury Centralized Receivables System (CRS) and Cross-Servicing (CS) systems for debt management, Navy ERP and the Treasury Collections Information Repository (CIR) system for miscellaneous (non-product) receivables and revenues in general and Navy ERP and intra-government payment and collection Intra-Government Payment and Collection (IPAC) for the clearing of Receipt treasury account symbol Treasury Account Symbol (TAS) accounts.

Program Updates: Navy Enterprise Resource Planning (ERP) Continued…

FINANCE PROJECTS CONTINUED

- Funds Balance with Treasury (FBwT) Foreign Currency: In the Build phase to internally entitle foreign currency disbursements in Navy ERP. The current Contract Vendor Pay (CVP) business processes are manual and require system-related "handshakes" for data transfers between multiple defense-level systems and Navy ERP. The future state will improve auditability, data integrity and business efficiency, reduce system interfaces and eliminate the need for pre-validation/reconciliation.

- Funds Balance with Treasury (FBwT) Defense Civilian Pay System (DCPS): The Office of the Secretary of Defense (OSD) has mandated that the Defense Finance and Accounting Service (DFAS) achieve Treasury Disbursing Office (TDO) capabilities in DCPS for civilian payrolls of all DoD services and agencies. DCPS TDO requires all accounting interface partners to send and receive new SLOA interface files in addition to all existing accounting interface files. In the Design phase, data base concersion required from DCPS to achieve TDO capabilties and send and receive SLOA data from Navy ERP. Currently, DCPS is unable to achieve TDO capabilities because Service systems are unable to send and receive SLOA data needed for reporting disbursements and collections in the TDO posture.

- Funds Balance with Treasury (FBwT) and Treasury Direct Disbursing (TDD) My Travel and Reclassification: In the Build phase to implement a TDY Travel and Reclassification functionality and interfaces with Defense Travel Management Office (DTMO) MyTravel and Treasury Classification Transaction and Accountability (CTA) Model. The DoD did not exercise the MyTravel system contract option and concluded MyTravel operations in September 2023. The reclassification portion of the project was rolled under FBwT Debt Management and Collections project Phase 5.

- Navy International Programs Office (NIPO) Case Execution Modernization Initiative (CEMI): Project stakeholders defined, analyzed and confirmed the CEMI NIPO requirements, scope and feasibility before proceeding with the design phase. Began project planning on resources alignment and completed Plan & Analyze phase through workshops to review 140 business requirements.

DATA/IT PROJECTS

- Data Archiving: Archiving transactional data in Navy ERP to reduce overall system size ensuring system stabilization and performance. Completed releases 1 and 2, enabling the archiving of technical documents; financial interface documents (IDOC) and will allow for the bundled archiving of other financial documents starting December 2023.

- Electronic Procurement System (ePS) Interface to ERP: In the Test phase of developing an interface to a new electronic procurement system (ePS) that the Deputy Assistant Secretary of the Navy Procurement (DASN (P)) is in the process of implementing. The new procurement system requires an interface to ensure the proper exchange of data/information within Navy ERP. Developing an interface defect resolution, supporting all ePS testing with multiple systems/sites, and activating the interface connectivity with in-scope ePS systems.

- Jupiter: Released into production a replication of Navy ERP data into the Jupiter solution, allowing the Navy financial management and comptroller community to utilize Advana as the cloud-based tool to extract metrics and reports from Navy ERP in near-real time. Project completed in April 2023.

- Top Quality Center Incidents (QCI): Resolved 135 defects over 13 releases. The Top 10 QCI project resolved high impact defects within each Navy ERP module as identified by Command Business Offices (CBOs).

- Business Process Mining: Stood up a project to deploy additional business processes within the Navy ERP Celonis application assisting in business process metric collection, standardization, and documentation efforts. Technical Direction Letter (TDL) signature completed.

- **SUPPLY PROJECTS**

- Repairables Portal: In the Deploy/Post-Release Support phase of replacing the existing Naval Supply Systems Command (NAVSUP) Commercial Asset Visibility (CAV) legacy system by creating a new, user-friendly Repairables Portal within Navy ERP. It also enhanced the user experience of the existing custom Fiori apps, enabled Electronic Data Interchange (EDI) transmissions to/from commercial vendors and implemented functionality to support irregular purchase order processing (IPP), program based logistics (PBL), materials support date (MSD), commercial furnished material (CFM) processing, government furnished material (GFM) processing, purchase order (PO) processing and the creation of a reconciliation report.

- MILSTRIP Master Data: In the Build and Test phases of the Military Standard Requisitioning and Issue Procedures (MILSTRIP) Master Data project; Phase 1 includes updating the Federal Logistics Information System Portfolio Data Warehouse (FPDW) to the new version 8 format; Phase 2a implements several Approved Defense Logistics Management System (DLMS) Changes (ADCs); consolidate ordering systems and engineered business systems architecture that utilizes Navy ERP to the greatest extent possible; and eliminate redundant capabilities between business systems, while accurately and correctly capturing financial impacts of logistics business functions; Phase 2b includes the development of new master data interfaces between Navy ERP and Naval Operational Supply System (NOSS).

Program Updates: Navy Enterprise Resource Planning (ERP) Continued…

- REPTAR Planning Module/Wholesale Inventory Optimization Model for ERP (WIOM): In the Build Phase of the REPTAR WIOM project to provide supply planners with a new reorder point-based planning solution for materials deemed as "non-forecastable" in Navy ERP. The project will establish an interface with WIOM-ERP to transfer wholesale inventory safety levels to Navy ERP. Specifically, 37 QCIs will be delivered, which are expected to reduce 30% of the superfluous supply recommendations from the monthly workload while improving overall supply positions, fleet readiness and planner efficiency. REPTAR establishes a new supply planning module specifically for Non-Forecastable/Levels Sustainment material. This module will ascertain supply and demand elements through a five-year planning horizon and compare projected stock posture against a reorder point to generate buy and repair supply recommendations.

- Supply Order Terminations (SOT): In the Deploy/Post-Release Support phase to provide material planners with improved system capabilities to assess excess supply situations and initiate modifications/cancellations of planned procurement activities. Specifically, 19 QCIs will be addressed and the efficiency gains are expected to eliminate 1,000 man-hours of manual effort per year while improving overall supply positions. The Terminations package will provide enhancements to various aspects of the Terminations module within Navy ERP, improve the semi-annual Financial and Logistics Integrated Requirements Report (FLIRR) metrics, produce leaner more accurate buy/repair recommendations for the NAVSUP Weapon System Support (WSS) workforce and simplify planner and contract buyer day-to-day business.

- Foreign Military Sales: In the Plan and Analyze phase to leverage existing functionality to source Foreign Military Sales (FMS) owned material as free issue to the requesting country using the NavyERP order fulfillment processes. Naval Supply Systems Command (NAVSUP) is in the process of transferring ownership of Gulfport FMS inventory from DLA's Distribution Standard System (DSS) to Navy ownership.

COMPLIANCE PROJECTS

- New Treasury Symbol Reporting: In the Build phase to account for fund types (Treasury Account Symbols -TAS) that are not currently reported in any DON General Ledger (GL) system. Navy ERP will need to record Treasury Financial Manual (TFM)-compliant postings for the new fund types - suspense, deposit non-fiduciary, and general receipt.

- Contract Authority: In the Plan and Analyze phase to enable Office of Management and Budget (OMB) and Treasury Financial Manual (TFM) compliance by developing a Navy ERP functionality to post logic changes and all required Standard Financial Information Structure (SFIS) data elements and attributes.

- Navy Working Capital Funds Receipt and Distribution: In the Plan & Analyze phase to enhance the existing solution for Navy Working Capital Funds to enable efficient recording of budget transactions, modify existing Posting Logic, introduce workflow functionality and add new budgeting process and document types.

RELEASES

- Completed the October 2022 release with 18 QCIs released into Navy ERP production including projects, General Fund Wave 1 & Wave 2, update to configurations for multiple commands, Gift Fund Posting Logic updates, Repairables Portal updating condition codes on line item transactions.

- Completed the November 2022 release with 63 QCIs released into Navy ERP production including projects Bulk Obligations, Bulk Obligation Monitoring – Completion of Configuration and related enhancements as Phase I of Bulk Obligation monitoring project, Data Archiving of multiple SAP tables, General Fund Update Vendor Validation, Gift Fund Status of Funds Report Updates, Grants Management Limit Unfunded Lines with no Option Status on Grants Purchase Orders (POs), Repairables portal limit Document type attachments, Top 10 QCIs across modules round 2 break/fixes for sustainment support.

- Completed the February 2023 release deploying 25 total QCIs related to General Fund, automation of the BLR process, Repairables Portal, and Supply Order Terminations (SOT) Portal defects, G-Invoicing reached Go Forward Plan status, General Fund improvements include Employee Vendor Interface availability to all Navy commands and Navy interface PCS Obligations and Expenditures Management System (POEMS) creating a purchase order in Navy ERP for personnel and movement of goods for the BUPERS Command.

- Completed the March 2023 release with 19 QCIs released into Navy ERP production and implementing 146 total new derivation strategies and associated business rules populating SFIS 11.2, strengthening required compliance and reporting; deployed 74 SFIS 11.2 attributes to support the Defense Departmental Reporting System (DDRS), Standard Contract Reconciliation Tool (SCRT) and Computer Optimized Batch Reconciliation Application (COBRA) compliance; provided access to Overtime/Comp Time and the Attendance/Absence (A/A) Comparison Leave Reports allowing for greater ease in conducting investigations; back-end error corrected for submission and approval of leave requests, removing the supervisors' extra requests steps as well as the need for manual, offline request processing.

- Completed the April 2023 release with 93 QCIs released into Navy ERP production including: SCRT and COBRA interfaces for BSO 12 were activated, allowing daily obligation and disbursement data to be sent from BSO 12 to the DFAS SCRT, NAVSEA Financial Improvement Plan (FIP) COBRA; Jupiter Phase 4 Go-Live was completed, allowing real-time data extract to enable financial and supply data analytics within Jupiter; U.S. Bank-certified invoice receipts can no longer post against a purchase order for a Command that certifies PCard statements in Navy ERP; this change alleviates manual workarounds by users needing to reverse posting errors and well as not paying interest on credits from uncertified receipts.

- Completed the May 2023 release with 65 QCIs released into Navy ERP production including a series of SOT systems solution improvements, allowing NAVSUP to more effectively and efficiently identify and process SOT recommendations, such as the establishment of dollar cost values for each recommendation.

- Completed the June 2023 release with 120 QCIs released into Navy ERP production including: The Employee Self-Service/Manager Self-Service (ESS/MSS) project team deployed a code failure/defect repair to correctly display supervisor direct reports on Fiori; the migrations team deployed a solution to correct purchase orders displaying incorrect AAA on SLOA tab.
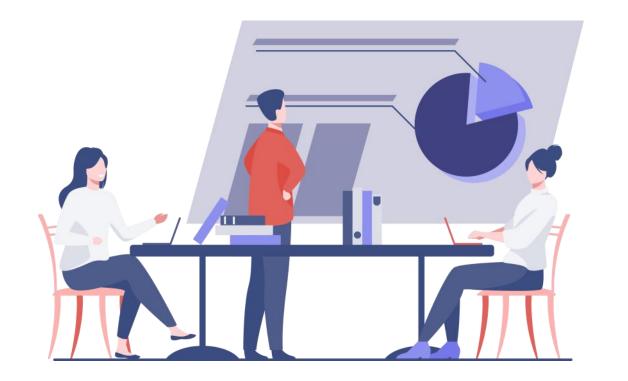
- Completed the July 2023 release with 77 Quality Center Incidents (QCI) released into Navy ERP production including enhancements, patches, and configuration changes for BUPERS, CNIC/NAVFAC, Repairables Portal, Supply Order Terminations, Data Archiving, and Top Ten QCI.

- Completed the August 2023 release with 33 QCIs released into Navy ERP production supporting Sustainment, Top Ten Quality Center Incident (QCI), SOT, Grants Management, ESS/MSS, Electronic Procurement System (ePS), and General Fund (GF) Migrations.

- Completed 461 maintenance and service request QCIs in 40 weekly releases averaging 46 QCI per release.

Program Updates: Standard Labor Data Collection and Distribution Allocation (SLDCADA)

Standard Labor Data Collection and Distribution Allocation (SLDCADA), one of two DON Program of Record (POR) applications for time and attendance, has more than 52,000 users across the globe. It facilitates more than 4.3 million hours of employment data entry every pay period for the Navy and the Executive Office of the President. SLDCADA is designed for accurate, reliable time and attendance management, with key features including traceability to tasks, improved auditability and customizable reporting. It is hosted within the Amazon Web Services cloud environment and backed by the Naval Information Warfare Center (NIWC) Atlantic Data Center and Cloud Hosting Services, providing a single time and attendance screen for input, certification and correction, which reduces training efforts and eases user input. The application is parameter-driven so it can be tailored to meet specific site requirements without custom coding or versioning. The SLDCADA program functions with major systems such as the Defense Civilian Pay System (DCPS), the Standard Accounting, Budgeting and Reporting System (SABRS), the Department of the Navy Civilian Authoritative Data Source (DONCADS) and Navy ERP.

- Migration to BitBucket. As a result of the former system vendor PVCS no longer being allowed for use by NMCI, the team had to identify a suitable alternative for a software code repository. The team learned that Naval Logistics Integrated Fleet Tool (LIFT) offered a suite of Software as a Service (SaaS) solutions, including a software code repository . The SLDCADA Software Engineering Lead worked to obtain vendor client licenses, establish a SLDCADA repository, obtain user accounts required for pushing and pulling code to and from the repository and fully migrated the SLDCADA code out of PVCS and into the new software code repository. To finalize the software development environment, the team is working to obtain client licenses providing a graphical user interface (GUI) required to visualize changes before they are committed, easily identify code merge conflicts and manage code changes more effectively and efficiently.

- SLDCADA ATO Renewed. In FY23, SLDCADA worked to complete all the Risk Management Framework (RMF) tasks required to secure ATO renewal before the deadline in March 2023. The SLDCADA Cyber Team is working to address the six ATO stipulations identified.

- Preparation for FY24 implementation of Naval Identity Services (NIS) Identity, Credential and Access Management (ICAM). SLDCADA completed the NIS ICAM on-boarding checklist and developed an initial business specification document (BSD) for the required implementation of NIS ICAM in FY24. NIS ICAM implementation is required to remediate an FY18 Enterprise NFR related to system access management controls. Implementation of NIS ICAM will show users manage access and access removal in the future.

Additional Accomplishments:

- Completed the FY22 Year-End Close (YEC) in October 2022. The Navy ERP IT Financial Services Center of Excellence (COE) Team coordinated with the system vendor, commands and Defense Finance and Accounting Service (DFAS) to resolve the technical issues leading to a successful close of FY22 activities while standing up a new General Fund Business Office (Tier 2) for migrating general fund commands, Naval Intelligence Activity (NIA) and Field Support Activity (FSA).

- Completed YEC Mock 1 exercise in April 2023, focusing on establishing, executing, defining and validating new processes for closing operations. The exercise also ensured NIA and FSA organizations were acclimated to the Navy ERP closing operations process and personnel.

- Completed YEC Mock 2 exercise (with Data Archiving) in June 2023. The team worked closely with Navy Financial Management and Comptroller (FM&C) Financial Operations Office to establish an ongoing process/schedule for disseminating the closing rules, allowing time for review, for commands to update local tools and for questions and answers.

- Navy ERP became the first system to integrate with Naval Identity Services (NIS), the Navy's new enterprise-wide Identity, Credential, and Access Management (ICAM) solution. This introduced a paperless and integrated System Authorization Access Request (SAAR) process – allowing Navy personnel to access tools to do their jobs quicker and more efficiently. As part of Navy ERP's work with NIS, addressed two long-standing audit findings regarding access requests and terminating/transferring users. This implementation will serve as a benchmark for more than 50 future NIS deployments through FY26.

- Deployed a Privileged Access Management (PAM) solution, extending the current ICAM capability installed on Navy ERP and providing automated password management for designated accounts, including data on access and usage not previously available.

- Completed the Funds Balance with Treasury (FBwT) Automated Standard Application for Payments (ASAP) and International Treasury Services (ITS) project, focusing on Treasury's ASAP and ITS systems to reduce the complexity and manual manipulation of financial data for daily update and management of the DON's FBwT system.

- Delivered enhancements to the Repairables Portal project, allowing the end user to complete transactions in real time. The team validated portal access via the public internet with an External Certificate Authority (ECA) certification. The team validated external user transaction posting during the Repairables Portal pilot, significantly improving management of repairables for the Naval Supply Systems Command (NAVSUP) and commercial vendors. In June 2023, Navy ERP received Interim Authorization to Test (IATT) approval for the Repairables Portal project's Cloud Native Access Point (CNAP) solution for development/test (non-production) access for off-network and/or mobile devices. Phase 2 functionality was migrated into production, allowing commercial vendors to have a smoother user experience, barcode scanning ability from a mobile device, and more. External vendors continue to transition to the Repairables Portal in a phased approach.

- Completed and deployed the Gift Fund project into Navy ERP production, providing the Navy General Ledger system with a comprehensive process for the collection and subsequent allotment of Gift Funds, the execution of Gift Funds for procurement of goods and services, the investment of Gift Funds and the management of capital assets related to Gift Funds.

- Delivered the Bulk Obligations special project capability in Navy ERP. This capability addresses audit Notice of Findings and Recommendations (NFRs) related to estimates for bulk obligations that identified a lack of standard framework for estimating, recording and monitoring bulk obligations in Navy ERP throughout the lifecycle.

Additional Accomplishments Continued:

- Completed and released the Jupiter project into Navy ERP production, allowing the Navy FM&C community to use Advana as the cloud-based tool to extract metrics and reports from Navy ERP in near-real time.

- Completed and deployed the Standard Financial Information Structure (SFIS)/Standard Line of Accounting (SLOA) project phases 1 and 2 into Navy ERP production to implement system changes to achieve SFIS and SLOA compliance.

- Completed Data Archiving project releases 1 and 2, enabling the archiving of technical documents, financial interface documents (IDOC) and the bundled archiving of other financial documents starting December 2023.

- Completed 1,959 Quality Center Incidents (QCI), resolving Command Business Office (CBO) identified high-impact defects in Navy ERP. The defects resolved included data maintenance, design, functional requirements, code failures, compliance and configuration issues.

- Closed two NFRs that allow the Navy to reduce the time to onboard personnel and overall personnel administration cost. To close FY18 NFR #5 Terminated Users, systematically terminated application access within 72-hours of a user's departure, ensuring only current users have authorized access. In response to FY18 NFR #10 Access Provisioning Process, implemented an automated process for provisioning new users upon approval to replace the paper-based SAAR-N form.

- Completed failover testing to reduce the impact of a network issue on Navy ERP users, the Navy ERP technical teams successfully failed over and operated Navy ERP for 36 hours using the east physical data center security stack (PDSS) – a first for the Navy ERP program. Completed a failover test of the ERP Central Component (ECC) database from production servers to high-availability servers. Completed a failover test of the ERP Middleware (MW) and Tivoli servers from production servers to high-availability servers, providing the Navy ERP program another tool to reduce customer impact from outages and improve operational availability.

- Completed the FY23 audit of SLDCADA, including preparing, gathering data and responding to 227 Provided by Client (PBC) requests since February 2023 with compressed deadlines and conducted a week-long, in-person audit demonstration, followed by more than 10 virtual audit demonstrations. The audit plays a vital role in driving accountability and fiscal discipline in support of the Navy's operational mission goals and provides an opportunity for the SLDCADA team to restore and maintain audit quality across critical business processes.

- Received approval of SLDCADA's DoD IT Portfolio Repository-Department of the Navy (DITPR-DON) FY23 Annual System Review (ASR) from the DoD Chief Information Officer-Navy (DDCIO-N) on May 23, 2023. DITPR-DON is a Navy database that contains key information that catalogues DoD business systems. DITRP-DON record accuracy is important because of its financial relevancy in Office of the Undersecretary of Defense (OUSD) policy compliance.

- Migrated SLDCADA software code to the Naval Logistics Integrated Fleet Tool (LIFT) repository after learning that the former system vendor's Polytron Version Control System (PVCS) was no longer accessible via the NMCI network, the SLDCADA team quickly identified a solution for a software code repository. After identifying Naval LIFT's system vendor implementation as a viable solution, the SLDCADA Software Engineering Team stood up the code repository and establish the tools required to migrate the code out of PVCS. This allows the SLDCADA Team to stabilize the code repository and begin software development activities to release new and improved functionality.

- Executed more than 40 contract modifications valued over $173 million and issued more than 100 Technical Direction Letters (TDL), including revisions, in support of multiple special projects and sustainment efforts under the Navy ERP Technical Support Services (NETSS) task order. Notable special projects awarded include Military Standard Requisitioning and Issue Procedures (MILSTRIP) Master Data; General Fund Migration and Data Management (DM) Commander, Navy Installations Command (CNIC)/Naval Facilities Engineering Command (NAVFAC); General Fund Implementation and DM Bureau of Naval Personnel (BUPERS); Funds Balance with Treasury Defense Civilian Pay System; Navy Working Capital Funds (NWCF) Funds Control Navy; Nuclear Command, Control, Communications (C3)-Navy (NC3-N) Security Compliance Guide (SCG) Compliance Deployment; Foreign Military Sales Sourcing Solution; Contract Authority Enhancements; G-Invoicing Implementation Environment and Deploy; Supply Order Termination, and more. The NETSS task order, the largest under PEO MLB (valued at nearly $1 billion), also onboarded 276 vendor personnel and facilitated deployment of countless NMCI assets to vendors in a timely manner, with no delays or cost overruns.

- The Assistant Secretary of the Navy for Research, Development and Acquisition (ASN(RD&A)) signed an Acquisition Decision Memorandum (ADM) directing PEO MLB to develop a tailored acquisition approach for a technical refresh of Navy ERP, in coordination with the Office of the Assistant Secretary of the Navy Financial Management and Comptroller (ASN(FM&C)) and the Department of the Navy Chief Information Officer (DON CIO). The effort, called Navy ERP+, will re-platform the current system to a modern, secure and supportable technology that will increase readiness and capacity, enable business agility for confident, faster decision-making, and improve auditability and end-user experience for optimal mission performance. In June, PEO MLB and ASN(FM&C) Financial Management Systems (FMS) hosted the Navy ERP+ kickoff offsite, bringing together key leaders and stakeholders from across the PEO, FMS and Command Business Offices (CBO) to discuss why the Navy is modernizing the legacy platform and foster open lines of communication among all stakeholders. A follow-on offsite was hosted by PEO MLB and FMS with key stakeholders to support the development of the Navy ERP+ governance approach and organizational structure to manage the project.

- Ms. Maria Morales was named a NAVWARRIOR of the Quarter for Q4 FY22 for her efforts in supporting the Navy ERP Financial IT Services portfolio's efforts to reduce the program's Unfunded Requirement (UFR) in FY22 while maintaining cost, schedule and performance goals. Ms. Morales converted SAP service-type licenses to perpetual-type licensing, positioning the program to realize approximately $30 million in cost-savings annually. Her leadership, communications and customer service skills, along with her brilliant problem-solving ability, helped the program office reach its budget targets and put itself back on an affordable path across the Future Years Defense Plan (FYDP).

- The Navy ERP Migrations Team received the NAVWAR Lightning Bolt Teams Award at the Q3 FY23 NAVWAR Awards Ceremony for their effort on the SECNAV (BSO 12), Field Support Activity (BSO 11) and Naval Intelligence Activity (BSO 15) migrations to Navy ERP. The effort included more than 4,000 field-level trial balances, representing 6% of all Navy field-level trial balances. Their incredible work ensured that Navy business is reported in an auditable, future-state format with improved data integrity and budget authority of more than $15 billion, resulting in the execution of 8.6 million transactions across the Budget Submitting Offices (BSO).

Logistics IT Services

The Logistics (LOG) IT Services portfolio provides the required IT services to keep Naval platforms and weapons systems operationally available by optimizing and modernizing more than 200 Navy legacy LOG IT systems.

Signature Accomplishment 1

Achieved full cutover of Navy Product Lifecycle Management (N-PLM) Model Based Product Support (MBPS) v1.1.1 on Aug. 21, 2023. MBPS delivers the maritime (shipboard and shipyard) component of N-PLM and will provide a unified, single source of weapon system technical data required for lifecycle support (configuration, Bill of Material, 3D models, readiness models, drawings, maintenance procedures), reducing the time spent during maintenance to access or update technical data. This capability is required for N-MRO Limited Deployment 1 (LD1) on the USS Mitscher (DDG-57). This is a huge step to modernizing the Fleet and represents exemplary collaboration between Naval Information Warfare Systems Command (NAVWAR) and Naval Sea Systems Command (NAVSEA) leadership to deploy modern digital solutions with minimal impacts on existing workloads. We successfully completed the three-month pilot (March to June 2023) with three shipyards and eight hulls to identify, document and resolve potential Shipyard workload drivers. During the pilot, MBPS and legacy systems ran concurrently to address usability and business process concerns raised by the shipyards.

Signature Accomplishment 2

N-PLM enabled the continued transition from manual, paper-based work packages to electronic work packages. Electronic work packages reflect the digitization of the paper work order and quality inspection plans. By the end of FY23, 30% of aviation depot packages will be processed electronically, targeting full operational capability (FOC) in FY25. The electronic work packages improve audit readiness through increased visibility, reduce route development time, reduce artisan certification and quality verification turnaround time, improve data analytics, enabling more accurate first pass yield analysis and provide the foundation for detailed work instructions. These process improvements resulted in an estimated $4.8 million cost avoidance in FY23.
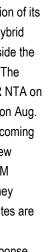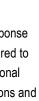
Signature Accomplishment 3

Maintenance Figure of Merit (MFOM) completed full migration of its production and testing environment to the US Navy's first hybrid cloud based system using Amazon Web Service (AWS) inside the NAVAIR Naval Technical Agent (NTA) and NAVSEA NTA. The MFOM Program migrated 2 TB of data on SIPR to NAVAIR NTA on Aug. 2, 2023 and 20 TB of data on NIPR to NAVSEA NTA on Aug. 19, 2023. Migration to the cloud was initiated due to the upcoming decommissioning of Component Enterprise Data Center New Orleans (CEDC NOLA) at the end of FY23. Migrating MFOM directly to the cloud saved exponential time, effort and money versus hopscotching from one data center to another. All sites are reporting increased productivity, reduced downtime, and streamlined experience as a result of improved system response and performance (from 20% to 500% improvement) compared to the on-premises servers. MFOM enables the Naval operational forces both afloat and ashore to manage maintenance actions and assess and report readiness. This includes automating planning and execution of ship repair work brokered to Supervisors of Shipbuilding (SUPSHIP) and Regional Maintenance Centers (RMC) worldwide, improving work control efficiency in the Naval maritime maintenance community and supporting improved prioritization and planning for required maintenance activities during in-port availability periods.

Signature Accomplishment 4

Expanded deployment of the Joint Technical Data Integration's (JTDI) Joint Delivery Management System (JDMS) on July 25, 2023, which enabled automated technical data movement for the US Army's 7 Stryker Brigade Combat Teams (SBCT) that are deployed worldwide. JDMS provides automated updates for technical references and operating system/software updates to over 5,000 operator and maintainer support devices (OSD/MSD) employed at the tactical edge. The ability to access and maintain data at the tactical edge enables SBCT to stop publishing and distributing approximately 500 paper technical manuals for Stryker vehicles and associated weapon systems / equipment. This will result in a significant cost avoidance over the lifecycle of the program, as well as a major work reduction for the Soldiers who maintain these paper manuals. Additionally, JDMS enables the movement of Preventative Maintenance Checks and Services (PMCS) checklist data (5988-E) to the motor pool for maintenance actions and subsequent movement of supply and maintenance data to the Global Combat Support System-Army (GCSS-A). JDMS is a major component of the Army's efforts to digitize maintenance actions at the platform level and is significantly improving unit readiness and reducing burden on the Soldier.
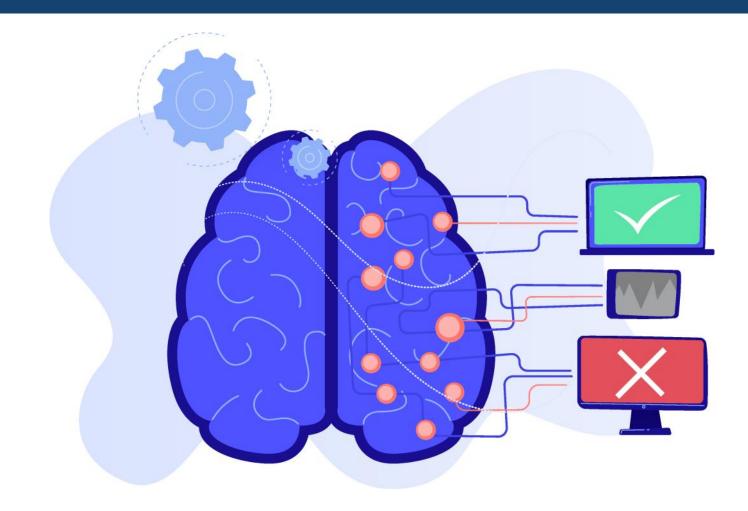
Program Updates:

- Naval Maintenance, Repair, and Overhaul (N-MRO). N-MRO provides Naval Operational Forces (NOF) with a single enterprise-wide capability to plan, predict, schedule and execute maintenance at the organizational, intermediate, and depot Levels to maintain and operate ships, submarines, expeditionary units and aircraft. N-MRO will provide sailors an enhanced capability to perform readiness and sustainment operations in a disconnected, adversary contested environment. Process, data and analytics capability enhancements are specifically targeted at giving us a competitive advantage over our adversaries by increasing our resilience and endurance.

  - Conducted a second site visit to the USS Mitscher (DDG-57) in March 2023 to provide N-MRO system familiarization demonstrations to the crew in preparation for the Limited Deployment-1 (LD-1) on DDG-57. The first site visit was conducted in December 2022.

  - Installed first N-MRO software on a Consolidated Afloat Network and Enterprise Services Agile core Services (CANES ACS) unclassified network in support of the Limited Deployment 1 (LD1) on the USS MITSCHER. The installation took place July 17-25, 2023, including the successful testing of interface connections on five of seven systems with ongoing testing in progress. This installation supports the planned LD1 User Acceptance Test (UAT).

  - Completed Gate 4 decision meeting to obtain formal approval to extend N-MRO to the Aviation and Maritime Depots in December 2022. The approval of the Gate 4 requirements and the full funding of the POM-25 request laid the groundwork for a future single DON MRO system across all warfare platforms (aircraft, ships, submarines and expeditionary) and all three levels of maintenance (organizational, intermediate and depot).

- Logistics Information Naval Connector (LINC). The LOG IT Infrastructure & Integration (I&I) team awarded an Other Transaction Authority (OTA) Logistic Information Naval Connector (LINC) contract to three industry partners, soliciting prototypes for a cost effective and scalable Platform as-a-Service (PaaS) providing containerized applications hosting capable to the tactical edge afloat, ashore and to Small Form Factor (SFF) platforms. The industry partners successfully developed and demonstrated their LINC prototypes. Using an objective, weighted, down-select analysis, the I&I team identified the LINC prototype with the greatest value to the DON in Q3 FY23. The LINC team plans to develop, integrate and test the LINC PaaS for shipboard, cloud ashore and SFF platforms while concurrently working Risk Management Framework (RMF) workflow in coordination with Functional Authorizing Officials (FAO) over the course of FY24. LINC will empower the DON to facilitate data exchange and integration between modernized, legacy and external Information Technology (IT) systems across 550+ afloat/ashore sites (including Denied, Degraded, Intermittent or Limited (DDIL) operations) with approximately 950 unique instances across the Fleet.

- Logistics-Integrated Data Environment (L-IDE). The FY23 Gate 4 approved the logistics Integrated Data Environment (IDE) requirements, providing for a single, cloud-hosted infrastructure enabling sharing of maintenance and supply data across the enterprise and big data analysis. Our L-IDE team continues to execute the Jupiter tenant space pilot in support of L-IDE and align readiness data systems to support the other four LOG IT pillars, enable analytics, and supports broader data efforts.

- Maintenance Figure of Merit (MFOM). MFOM enables the Naval operational forces both afloat and ashore to manage maintenance actions and assess and report readiness. MFOM also automates planning and execution of ship repair work brokered to Supervisors of Shipbuilding (SUPSHIP) and Regional Maintenance Centers (RMC) worldwide, improving work control efficiency in the Naval maritime maintenance community and supporting improved prioritization and planning for required maintenance activities during in-port availability periods. In FY23, MFOM deployed 27 system releases and completed 112 change requests focused on enhancing in-service system applications. Deployed 11 Navy Maintenance Database Re-platform (NMD-R) specific releases addressing 36 change requests focused on improving the NMD-R application and meeting Fleet requirements. Addressed high priority enhancement requests of the Regional Maintenance Centers by incorporating phase 1 of lessons learned functionality into the NMD-R application. Completed the rollout of the Validation, Screening and Brokering (VSB) application at all Unclassified Naval Nuclear Propulsion Information (UNNPI) sites, enabling the sunset of the legacy Regional Maintenance Automated Information System (RMAIS) application. MFOM is in sustainment and is slated to be replaced by N-MRO.

MARINE CORPS LOGISTICS INTEGRATED INFORMATION SOLUTIONS SERVICES

Marine Corps Logistics Integrated Information Solutions (LI2S-MC) delivers and sustains logistics information technology solutions to enable USMC logistics operations across the enterprise.

Signature Accomplishment 1

Submitted 19 out of 20 Corrective Action Plans (CAP) to the Independent Public Accountant (IPA) for closure consideration, 1 CAP (Cross Application Segregation of Duties) to be reissued at the enterprise level.

The Global Combat Support System-Marine Corps (GCSS-MC) Audit Team closed four Notices of Findings and Recommendations (NFRs):

- NFR 001: Insufficient implementation of access provisioning procedures
- NFR 010: Ineffective annual review of privileged user access
- NFR 018: Lack of separation between migration and developer functions
- NFR 020: Insufficient implementation of access provisioning procedures for users with access to the source code repository

The GCSS-MC Audit Team supported the IPA as they performed Test of Effectiveness (ToE) and samples of GCSS-MC IT Controls. They enhanced the Audit Governance by establishing a GCSS-MC IT Audit Program and increased compliance by developing Audit Playbooks for Access Control, Configuration Management, Security Management, and Interfaces.

Signature Accomplishment 2

Fielded three GCSS-MC enhancements – Mobile Field Services, Email Mobile Query, and Desktop Integrated Framework – to improve access to supply and maintenance functions in conditions of degraded communications. Each capability was thoroughly tested via Limited User Evaluations (LUEs) throughout USMC units prior to requesting and receiving a full deployment decision.

Signature Accomplishment 3

Implemented a Marine Air Ground Task Force Logistics Support Systems (MLS2) Innovation solution in Q2 FY23 that created a containerized system architecture for data sharing, synchronization and integration between each of the peer MLS2 applications (Common Logistics Command and Control System [CLC2S], Transportation Capacity Planning Tool [TCPT], and Storage Retrieval Automated Tracking Integrated System [STRATIS]). This solution not only improves and modernizes all of MLS2 applications for compliance, stability and security, but it also allows the systems to be more flexible and more consistently managed, thereby reducing man-hours and enabling the portfolio to deliver system changes to the end users faster. The deployment of change requests (CRs) requires minimal system downtime (from hours to minutes) which provides the ability to push CRs at any time of the day/week, reducing fleet impact to critical operations.

Program Updates: Global Combat Support System-Marine Corps (GCSS-MC)

SYSTEM SUPPORT

- Mobile Training Suites (MTS) are stand-alone GCSS-MC instances with the documentation and procedures used in training GCSS-MC users and classroom instructors on the system. The MTS team shipped the annual Fiscal Year 2023 (FY23) Gold Disk, including operating system updates, the current Marine Corps desktop image, updated training and GCSS-MC data seeding.

- Cloud Migration: Assessed GCSS-MC Solution Development Environment (SDE) to determine the benefit of moving away from a contractor-owned solution to a government-procured cloud solution. In March 2023, decided to pursue a government-procured cloud solution to take advantage of significant benefits and opportunities. Began activities to facilitate SDE migration from its current contractor environment to a government-procured solution.

- Disaster Recovery/Continuity of Operations (DR/COOP) will be hosted in Defense Information Systems Agency's (DISA) hybrid cloud and is scheduled to finish testing in Q1 FY2024. A viable DR/COOP environment, will improve GCSS-MC's unit readiness support during emergency situations and will significantly reduce system down-time related to scheduled maintenance or unplanned outages. The successful implementation of DR/COOP capabilities will inform planning and execution of the eventual migration of GCSS-MC to the cloud.

DEGRADED ENVIRONMENT SUPPORT SOLUTIONS

- Desktop Integrated Framework (DIF): Completed all Government Acceptance Testing required to release DIF into the production system and become available to GCSS-MC users. The solution provides Excel-based forms that allows users to download, enter required service request information to complete tasks and upload their work from the DIF form to sync with the GCSS-MC database during poor network conditions.

- Mobile Field Services (MFS): Conducted several limited user evaluations (LUE) in preparation for the full release/go live to fielding decision. Users completed a network-based sync to have their assets/equipment in MFS, disconnected from the network, went to the motor pool or respective work location and performed their duties as they would with GCSS-MC. Once they regained a network connection, they were able to upload their work into GCSS-MC using both a file-based and network-based sync. The program office obtained feedback and added minor enhancements. MFS went live in August 2023.

- Email Mobile Query (EMQ) performed several successful limited user evaluations. Users successfully used EMQ to query the system via email with at least one of the 12 commands in the subject line. Response time was around five minutes, allowing users to receive status information quickly without logging into GCSS-MC or waiting for system availability. Users are also able to update tasks and notes. EMQ was fielded successfully in August 2023.

Program Updates: Global Combat Support System-Marine Corps (GCSS-MC) Continued...

USMC CLEAN AUDIT

- Remediation of Audit Findings: GCSS-MC successfully implemented Corrective Action Plans to remediate 18 of 20 Notices of Findings and Recommendations (NFRs) regarding system material weaknesses to meet audit requirements. Remediation actions included overhauling access permissions to ensure adequate segregation of duties, implementation of Splunk Configuration Logging software and a 100% user account review of over 20,000 accounts USMC-wide. The two remaining NFRs will be reissued as USMC enterprise findings.

- Fixed Asset Module (FAM): Continued incremental capability delivery to support asset valuation and depreciation for Military Equipment (ME) valued at greater than $100,000 with a financial useful life (FUL) of greater than two years. Significant new functionality and improvements include automating the update of the FUL upon an asset reclassification and automating physical, administrative, and miscellaneous losses in FAM. Automated Fixed Asset (FA) retirements via the Material Redistribution Form, replaced the previous manual retirement procedures. The FAM directly supports Marine Corps efforts to achieve a successful audit opinion by automating the Marine Corps quarterly ME Valuation process, which estimates the cost of Marine Corps ground equipment for financial reporting purposes.

- Identity and Access Management: The Naval Identity Services (NIS) program is working on the Minimal Viable Product (MVP) for GCSS-MC implementation and is expected to be ready for deployment at the end of FY 2023. MVP will automate System Authorization Access Request (SAAR) submission and approvals for all privileged users, which are typically contractor personnel and a few government civilians, then for USMC Logistics Command non-privileged users. Full functionality is projected in FY 2027. GCSS-MC is the first Marine Corps system to incorporate an auto-SAAR process. This effort will provide the Marine Corps Enterprise Network (MCEN) with a roadmap to automate SAARs as a whole and streamline the account creation and provisioning process for MCEN.

- Unique Item Identification Data Storage (UIIDS) Interface: The GCSS-MC interface team designed a viable solution to integrate UIIDS with the GCSS-MC Logistics Chain Management (LCM) enterprise business services to capture item inventory configuration changes via an application programming interface utilizing RESTful web services. By aligning GCSS-MC LCM enterprise business processing with Item unique identification (IUID), we expect to establish the accounting auditability for our assets and records by reconciling property accounting, valuation and reporting to the Office of the Secretary of Defense (OSD) registry and the Accountable Property System of Records (APSR) maintained by the Defense Logistics Agency (DLA). The benefit of the GCSS-MC interface with UIIDS is to manage assets and data records via a customized solution, which will synchronize UIIDS inventory with GCSS-MC enterprise data and deploy process workflows to capture item lifecycle changes for "retired" inventory in the USMC capital asset property records for the Financial Assets Management module. The GCSS-MC/UIIDS interface design is expected by the end of FY 2023. It leverages an agile development framework capable of delivering the new product to the end user through the deployment of MVPs in iterative sprints. The IUID data reconciliation for GCSS-MC data via the UIIDS host platform will provide the basis for modernizing logistics processes via Unique Identifiers (UII) in tracking asset movement and responsible business processes across several lifecycle events.

Program Updates: Tactical Logistics Systems (TLS)

MARINE AIR-GROUND TASK FORCE (MAGTF) LOGISTICS SUPPORT SYSTEMS (MLS2)

- MLS2 Innovation and Modernization: Three LI2S-MC- managed systems in the MLS2 Family of Systems were included in the effort to migrate to USMC Hybrid Cloud Services (HCS). The effort incorporated several new features such as enhanced graphical user interface, the GCSS-MC R001 data feed, re-coding for shelf life management, shelf life tracking and other user-driven enhancements.

- Common Logistics Command & Control System (CLC2S) is a web-based Logistics (LOG) Command and Control (C2) tool that enables logistics support for MAGTF commanders and staff while providing high visibility for the management and movement of equipment and supplies. It is one of the few Logistics IT systems authorized for use on both the Non-Secure Internet Protocol Router (NIPR) and Secure Internet Protocol Router (SIPR) enclaves. CLC2S is the only USMC application that provides offload status when conducting a Maritime Preposition Forces (MPF) offload.

- Transportation Capacity Planning Tool (TCPT) is a web-accessible, tactical command and control tool that provides commanders and transportation planners a dashboard view of transportation and engineer resource capacity for the planning, tracking and development of convoys and other transportation related missions. It provides a clear picture of transportation capacity based on available resources and movement demands, as well as a near real-time assessment of a future planning capability based on the Operational Force input.
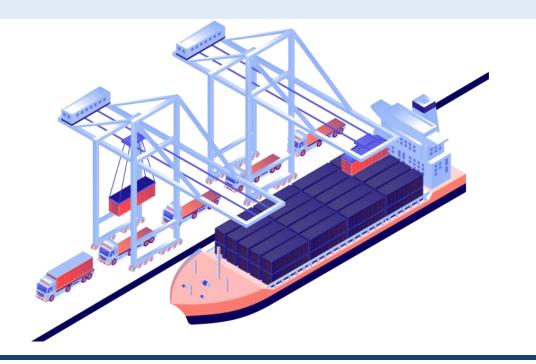
- Storage Retrieval Automated Tracking Integrated System (STRATIS) is a web-based client/server Warehouse Management System (WMS) for tracking high volumes of material flowing through the receiving and shipping sections of the warehouse. It maximizes the efficiency of personnel, equipment, and storage space. STRATIS is used at each Marine Expeditionary Force (MEF) and geographically dispersed locations for Class IX repair parts. It maintains inventory, controls stock and storage locations, processes workloads and produces transactions based on USMC intermediate-level supply warehouse management practices. It also provides real-time inventory visibility of items stored, tracking of requisitions that have been receipted for, and tracking of requisitions that are being fulfilled via the three-part shipping process. STRATIS provides the ability to manage the shelf life for stored items and utilizes First In First Out (FIFO) sourcing logic to better manage inventory status. STRATIS gives each regional site the ability to maintain a large and tailored inventory of Class IX repair parts to support each MEF and integrates with Global Combat Support System – Marine Corps (GCSS-MC) (two-way communication) while providing a data file to Automated Manifest System – Tactical (AMS-TAC), upon request, for the Distribution Management Offices (DMO) community. STRATIS incorporates wireless technology to support operations and works in a tactical environment.

Program Updates: Tactical Logistics Systems (TLS) Continued...

TACTICAL APPLICATIONS

- Automated Manifest System – Tactical (AMS-TAC) is an information system designed to facilitate Marine Corps Distribution Management Offices (DMO), Marine Logistics Groups (MLG) and Marine Air-Ground Task Force (MAGTF) Materiel Distribution Centers (MMDC) processing of freight receipts, freight forwarding and local freight distribution. It uses automated identification technology and radio frequency identification (AIT/RFID) hardware devices as part of the warehouse and distribution operations. In FY23, the AMS-TAC team assisted with the fielding of 237 handheld terminals (HHTs). On-site New Equipment Training (NET) was delivered to over 200 Marines and civilians at various sites. NET included training on backing up data, use of the new HHTs and instructions on how to update Mini DESK hard drives with the current software version.

- Telemetry provides end-to-end visibility of the Marine Corps' LOG activities, augmenting data from the current Authoritative Data Sources (GCSS-MC and Integrated Data Environment [IDE]/Global Transportation Network Convergence [IGC]). It geographically logs arrival and departure from specified locations, while providing environmental insights and advanced predictive analytics to provide decision makers with a complete Distribution Decision Support Tool (DST) accessing near real-time information. Telemetry is hosted within Marine Corps Business Operations Support Services (MCBOSS) GovCloud and works in a tactical environment. Telemetry interfaces with the following Authoritative Data Sources:

  - IDE/IGC

  - Mission Management Center (MMC)

  - GCSS-MC

  - Automated Manifest System Tactical (AMS-TAC)

  - National Radio Frequency-In Transit Visibility Server (RF-ITV)

- In FY23, the Telemetry team conducted and completed a Government Acceptance Test (GAT), demonstrating Telemetry's overall functionality and included Marine testers from each of the Marine Expeditionary Forces (MEFs). The successful GAT led to an Authority to Operate (ATO) for Telemetry Version 1.0 to support the build and deployment of Telemetry into the MCBOSS Impact Level 4 (IL4) production environment. In addition, Option Year Two (OY2) for the Telemetry Small Business Innovation Research (SBIR) Contract was exercised. The team continues to collaborate with external counterparts in support of future integration requirements with Telemetry.

- Integrated Computerized Deployment Systems (ICODES) is the only DoD system to complete load plans for sealift, airlift and rail. It is used for planning and executing transportation requirements, in support of unit movement, using the five different modules inside the program. Used and maintained by the USMC, the Sea Service Deployment Module (SSDM) is a module in the ICODES platform that provides the capability to build and maintain a unit's deployment list database containing personnel and equipment information. It validates Marine Air Ground Task Force (MAGTF) requirements via the Joint Operation Planning and Execution System (JOPES). SSDM allows the unit to plan, manage, execute and have visibility of all transportation movements across the whole MAGTF. It interfaces with other transportation systems such as Transportation Capacity Planning Tool (TCPT) for ground transportation, Airlift Integrated Interface (A2I) and Consolidated Air Mobility Planning System (CAMPS) for air transportation requests, and Integrated Booking System (IBS) for surface transportation on commercial shipping. The ICODES Single Load Planning (SLP) Module is used for planning and loading unit deployment data to air, ground, and sea conveyances to plan for deployment execution.

- In FY23, the ICODES team conducted Government Acceptance Testing (GAT) of 33 service change requests to support the innovation of ICODES/SSDM module. The successful release of ICODES 7.1.10.0 enabled Marines to aggregate lift requirements to maximize transportation assets, generate cost estimation reports for all conveyances of lift and produce surface transportation requests that can be directly uploaded into the IBS for commercial sea lift.

- Financial and Air Clearance Transportation Systems (FACTS) provides Total Asset Visibility (TAV) of air-eligible cargo by furnishing cleared Advanced Transportation Control Movement Document (ATCMD) data to the Defense Transportation System (DTS), pre-obligation of transportation funds and provides transportation billing validation and transportation budget forecasting for the military services. It provides a single Automated Information System (AIS) for the clearance of DoD air-eligible cargo and funds management and budgeting and assists the shipper in determining Continental United States (CONUS) or Out of Continental United States (OCONUS) transportation mode routing selections by offering comparative mode, route, and cost information. FACTS also provides transportation billing validation and transportation budget forecasting.

- In Q4 FY23, the FACTS team conducted a Configuration Management Board (CMB) at Naval Station Norfolk. Attendees included stakeholders from Army Sustainment Command, USMC Logistics Command, USMC Systems Command, Navy FACTS, Navy Transportation and Distribution, OPNAV N4, and US Transportation Command (USTRANSCOM) J3. Agenda items included summary and types of development items, help desk tickets closed, training delivered, certification status – including authorization and interoperability – operations preparedness and interface updates. Potential cost avoidance information by service was presented, and FACTS Advanced Transportation Control Movement Document (ATCMD) transactions were reviewed for all services and source systems. The Navy Small Parcel Express (SPE) / Vendor and Freight counts were presented as well as a review of FACTS capabilities. Operational costs for FY23 and FY24 were reviewed with a caveat that modernization options are being researched.

Program Updates: Data Environment and Integration (DE&I)

TECHNICAL DATA MANAGEMENT (TDM)

- The TDM-CATALYST data management platform is a digital transformation tool to improve product lifecycle data management and to digitize logistics processes. The team utilizes an agile software development approach supported by a Development Security Operations (DevSecOps) pipeline which enables the on-demand release of capability to Marine Corps users. The transformation of manual processes increases operational efficiency, ensures interoperability and reduce maintenance costs to improve equipment readiness.
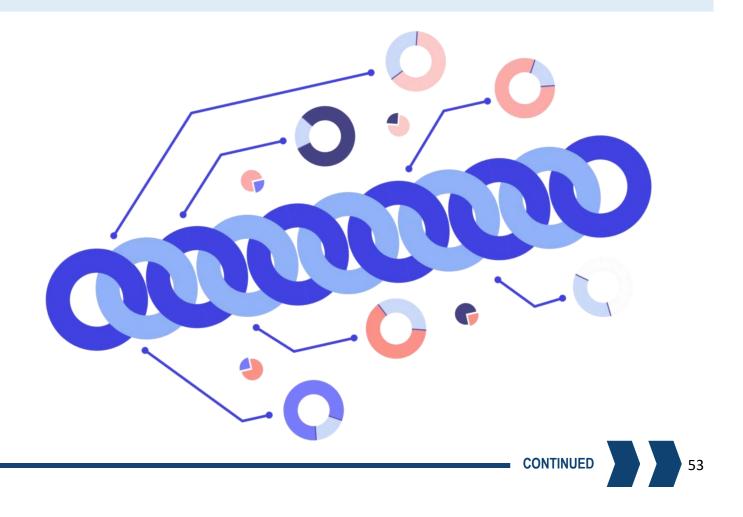
ADVANCED TECHNOLOGY

- Denied Degraded Intermittent Low-Bandwidth Marine Corps Logistics (DDIL MC Log) is a software application that provides GCSS-MC users continuity of operations for logistics business processes conditions to all operational environments, specifically to disadvantaged networks and disconnected environments. This capability provides critical functionality to operate under austere network conditions. DDIL MC Log will allow the Marines to store logistics data in a disconnected or disadvantaged environment, and then synchronize the stored data with GCSS-MC as tactical and operational situations dictate. The project obtained ATO approval and is preparing to deploy the capability to the first two operational units, II MEF and I MEF. Additional Marine Expeditionary Units (MEU) across the Fleet Marine Force (FMF) will be provided the capability in future years.

- Unique Item Identifier Data Storage (UIIDS) is the Marine Corps' repository of Item Unique Identification (IUID) data, including Unique Item Identifiers (UII). The UIIDS team collaborated with the Global Combat Support System – Marine Corps (GCSS-MC) interface team to design and implement an interface between the two systems using web services. This integration will enable the one-to-one association of UIIs in UIIDS to items in GCSS-MC and provide lifecycle updates of GCSS-MC items in the Department of Defense (DoD) IUID Registry through UIIDS. This data exchange supports Accountable Property System of Record (APSR) requirements for GCSS-MC, IUID requirements, and Financial Improvement and Audit Readiness (FIAR) and auditability efforts. An iterative approach is being employed for the integration, with the first iteration focusing on a target population of items, the capital assets in the Fixed Asset Module (FAM), which have been withdrawn from normal service from USMC inventory. Testing for this first iteration is scheduled to begin fourth quarter of fiscal year 2023.

ENTERPRISE LOGISTICS SUPPORT SYSTEMS (ELS2)

- Logistics Data Services (LDS) is a centralized logistics data hub for all logistics data queries and a data lake in support of deeper data analytics needs. Through data ingestion, standardization and governance, LDS provides logistics data from relevant sources to one centralized hub that becomes the USMC trusted source of logistics data to support decision-making. Over the past year, LDS has ingested data from 12 priority data sources, matured the infrastructure of the data lake, and built out the initial meta-data framework guided by DON directives. Additionally, the LDS team imbedded a data analytics tool, developed enterprise dashboards and onboarded data analysts from across the enterprise to support data analytics. These actions established LDS as the foundation for the USMC centralized logistics data hub to support deeper data analytics needs and decision-making.

- Materiel Capability Decision Support System (MCDSS) is a web-based application designed to automate the recovery, reporting and management process of recoverable items that require depot-level support. MCDSS provides Marine Corps Logistics Command (MARCORLOGCOM) inventory managers the ability to create funding documents and masterwork schedule plans to schedule Marine Corps equipment assets for repair at maintenance depots. MCDSS 6.0 application was rewritten to operate in the MCBOSS environment to release the new user-friendly application in October 2023.

- Transportation Management System (TMS) helps manage the USMC transportation community's Marine Corps personnel and materiel worldwide movement requirements. The system collects accounting data related to transportation payments for reporting and historical purposes. Major functions include processing the receipt, certification and payment of transportation service claims, verification, and payment of vouchers for contract carriers supporting Do It Yourself (DITY) and personal property Household Goods (HHG) moves. TMS successfully completed the Contingency Response/Incident Table Top exercise in June 2023 which included annual training for the TMS team.

Additional Accomplishments:

GCSS-MC

- The Global Combat Support System-Marine Corps (GCSS-MC) Enterprise Service Desk (ESD) fielded an average of over 1,000 trouble tickets per month with a Tier 1 resolution rate significantly higher than the 70% objective (91.62% average resolution rate over the last six months) with a First Contact Resolution rate exceeding an average of 80%. The ESD receives over 300 user calls per month with an average speed to answer rate of 7.5 seconds, which is well below the objective of 10 seconds. Customer satisfaction exceeded the 90% objective rate with an average of 98% on customer surveys and 99% average on phone surveys per month.

- Awarded a one-year task order with a one-year option task order on the GCSS-MC Post-Deployment Sustainment Support (PDSS) for the deployment of agile solution development product teams to complete systems change requests requiring over 99 hours of work. The teams support GCSS-MC product lanes, Defense Agencies Initiative (DAI) implementation, and audit compliance requirements. Over the past year, these teams completed 128 complex change requests, including 10 for audit compliance, 31 for DAI implementation and 87 across five sustainment product lanes.

- The new Automated Interface Report (AIR) functions as an automated report generator. It catalogs and analyzes interfacing partners, streamlining interface management by providing comprehensive insights into inbound and outbound connections. This innovation enhances efficiency, transparency, decision-making, and collaboration while maintaining data integrity. AIR's automation also saves resources and promotes focused efforts on innovation, making it a pivotal achievement that optimizes interface management and operational excellence organization-wide.

- The new Interface Requirements and Strategy Document is a vital guideline for seamless system interface design and implementation. It optimizes integration, addressing challenges proactively and enhancing efficiency, data accuracy and system cohesion. The strategy document serves as a cornerstone, aligning operations and enhancing satisfaction through meticulous planning and execution, benefiting both stakeholders and customers.

- The recently developed Service Oriented Architecture (SOA) Logs Retention Policy and Procedures establishes crucial guidelines for log data management in our SOA infrastructure. This document ensures compliance, strengthens security, optimizes resource use and streamlines troubleshooting. Stakeholders gain from informed decision-making and transparent auditing, contributing to business continuity. It is a major step in enhancing data security and operational excellence.

MLS2

- The Marine Air Ground Task Force (MAGTF) Logistics Support Systems (MLS2) team received a Q3 FY23 NAVWAR Lighting Bolt Award for the successful migration of Common Logistics Command and Control Systems (CLC2S), Transportation Capacity Planning Tool (TCPT) and Storage Retrieval Automated Tracking Integrated System (STRATIS) to the United States Marine Corps Hybrid Cloud Services (HCS) as part of the MLS2 Innovation solution. The migration to HCS provides the highest level of security to the MLS2 systems for USMC functionality and provides commanders the confidence in the security of the Fleet Marine Forces logistics functions.

- Achieved an Authorization to Operate (ATO) for Common Logistics Command and Control System (CLC2S) Tactical and Enterprise, Transportation Capacity Planning Tool (TCPT) Tactical and Enterprise and Storage Retrieval Automated Tracking Integrated System (STRATIS) enterprise and tactical instances.

- Achieved an ATO for Telemetry.

- MLS2 Fleet Support Representatives (FSR) supported 12 Fleet exercises and 28 training events for Common Logistics Command and Control System (CLC2S), Transportation Capacity Planning Tool (TCPT) and Storage Retrieval Automated Tracking Integrated System (STRATIS) users and responded to 1,493 support incidents. In addition, Help Desk personnel addressed 16,264 service tickets and closed 16,670 service tickets.

- Completed the buildout of Impact Level (IL) 2 (IL2) development and IL4 stage environments for Telemetry utilizing a Development Security Operations (DevSecOps) pipeline to deploy Telemetry into a government hosted IL4 production environment.

- Completed a Programmatic Memorandum of Understanding (MOU) between Tactical Logistic Systems (TLS) and Naval System Supply Command (NAVSUP) for the Navy's use of Automated Manifest Tracking System-Tactical (AMS-TAC), resulting in improved interoperability between the services and enhanced distribution visibility for NAVSUP.

- Fielded 257 updated handheld devices to improve performance and usage of AMS-TAC.

- Resolved an average of 100 AMS-TAC help desk tickets every three months for a community of approximately 600 users, ensuring uninterrupted service to Marine personnel in support of both tactical and daily garrison operations.

- Completed onsite training for the rollout of new AMS-TAC equipment, providing hands-on guidance and support to Fleet Marine users resulting in improved understanding and effective equipment usage.

- Validated the requirement and prioritized fielding of the Portable Deployment Kit (PDK) and AMS-TAC Mini Deployment Embark Sustainment Kit (Mini DESK) to ensure Marines are poised for distributed operations and austere environments.

- Completed government acceptance testing (GAT) for Telemetry and Integrated Computerized Deployment Systems (ICODES) ensuring the systems supporting Marines are updated and fully meet mission requirements.

- Two TLS team members were selected for leadership programs to further enhance their leadership skills.

DE&I

- Logistics Data Services (LDS) ingested data from 12 priority data sources, matured the infrastructure of the data lake and built out the initial meta-data framework guided by DON directives. Additionally, the LDS team imbedded a data analytics tool, developed enterprise dashboards, and onboarded data analysts from across the enterprise to support data analytics. These actions established LDS as the foundation for the USMC centralized logistics data hub to support deeper data analytics needs and decision-making.

- The TDM team was featured in the June edition of the Marine Corps Gazette, the Marine Corps' professional journal, detailing the importance of digital transformation efforts for logistics product data.

- Collaborated with the Marine Corps Total Force Structure Management System (TFSMS) team to re-engineer the management of logistics data between the two systems. This effort resulted in a 96% improvement in accuracy for equipment configurations between the two systems.

- Digitally transformed the Marine Corps equipment and weapons inventory process by creating automated inventory list extracts. This capability provides Marines in the field direct access to bill of materials information that is updated in near real time as lifecycle piece/part information changes vice relying on dated publications. This allows maintainers to order the most current replacement parts, which improves fulfillment rates and equipment readiness.

- Aligned and validated data between TDM-CATALYST, TFSMS, and Defense Logistics Agency (DLA) Weapons Systems Support Program (WSSP). Validating the data and data exchanges improved the interoperability of these three systems, which is essential in supporting timely and accurate DLA readiness stock forecasting.

- Received final Authority to Operate (ATO) for the Denied Degraded Low-Bandwidth Marine Corps Logistics (DDIL MC Log) enterprise software on June 9, 2023, and the Forward Deployed Edge Server (FDES) software on July 27, 2023, which allowed the software to be deployed on the Marine Corps Enterprise Network (MCEN) and Marine Corps operational tactical networks supporting the Go-Live decision to deploy the capability with the Fleet Marine Force (FMF).

- Completed a Production Readiness Review of Denied Degraded Low-Bandwidth Marine Corps Logistics (DDIL MC Log) supporting a Go-Live decision for the capability on Aug. 9, 2023. This paves the way for the DDIL MC Log capability to be deployed with the Fleet Marine Force (FMF), supporting operations in the disconnected or low-bandwidth operational space. The DDIL MC Log Team is coordinating with elements from II MEF to support and deliver the capability to the initial FMF unit in Q4 FY23. The second FMF unit is targeted to receive the capability in Q1 FY24.

MARINE CORPS MANPOWER INFORMATION TECHNOLOGY SYSTEMS MODERNIZATION

Marine Corps Manpower Information Technology Systems Modernization (MITSM) modernizes legacy manpower applications and develops new capabilities to operationalize the Commandant of the Marine Corps' (CMC) vision for a modern talent management IT portfolio of capabilities that has the ability to leverage data analytics to optimize manpower outcomes. MITSM will enable the Marine Corps to recruit, support and source the right Marine at the right time and place with the right skills and abilities leveraging a modernized talent management portfolio of IT capabilities.
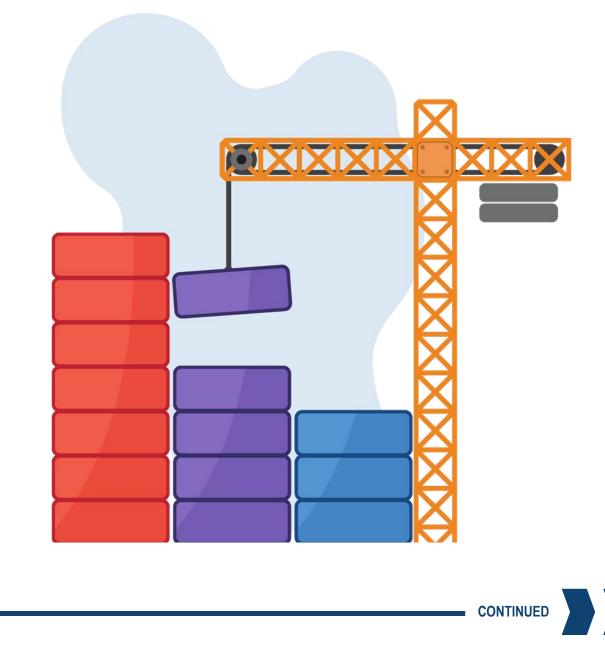
Signature Accomplishment 1

Established the United States Marine Corps (USMC) Manpower Information Technology Systems Modernization (MITSM) portfolio on Feb. 7, 2023 when the Acting Assistant Secretary of the Navy, Research, Development and Acquisition (ASN RD&A) Mr. Frederick J. Stefany signed an Acquisition Decision Memorandum (ADM). On May 31, 2023. Vice Admiral Francis Morley, the Principal Military Deputy for ASN RD&A, signed a Memorandum for the Record (MFR) approving MITSM as a portfolio comprised of Business Systems Category (BCAT) II and III programs The MFR acknowledged that the Program Executive Office for Manpower, Logistics and Business Solutions (PEO MLB) and the MITSM portfolio had successfully completed all actions directed in the ADM. Establishing MITSM was recommended by the Business Capabilities Requirements Document (BCRD) completed by PEO MLB and the Deputy Commandant for Manpower and Reserve Affairs (DC M&RA) in August 2022. Organizing the USMC manpower IT programs, systems and applications under a single acquisition management authority enables more cohesive future development and system consolidation, improves cyber resiliency and audit compliance, and aligns with the CMC's guidance in the USMC Talent Management 2030 plan.

Signature Accomplishment 2

Delivered a Minimum Viable Product (MVP) for the Talent Management and Engagement Platform (TMEP) on May 25, 2023, deploying TMEP for officer assignments to the Marine Online (MOL) production environment. TMEP, a customer relationship management (CRM) platform, supports information exchange, information management, information synthesis, and decision support actions. The CRM platform is the most important element to enable process improvement to the current assignments process for all involved stakeholders. Further, it provides the foundation and convergence platform of usable data that will enable follow-on analytic capabilities. The TMEP MVP efficiently coalesces data and inputs from multiple stakeholders and mediums, and more than six separate systems, into a usable single platform to enable comprehensive analysis, synthesis, and execution of a comprehensive annual slate of assignments for the officer corps. TMEP enhances the assignments process, improving engagement and continuity throughout an individual's career.

Signature Accomplishment 3

Developed and solicited a Statement of Work in coordination with the Navy Information Warfare Research Project (IWRP) Consortium to initiate and secure support for two major MITSM efforts through an Other Transaction Agreement (OTA). Planning started in January 2023 and the contract of nearly $2 million was awarded on Sept. 15, 2023, a rapid pace for a contract of this size. The OTA will provide a technology solution prototype for the Retention and Reenlistment process, Marine Corps Reenlistment, Incentive and Bonus Capability (MCRIB) and a Transformation Roadmap. The roadmap will assess and document current processes, pain points, and bottlenecks across MITSM's portfolio of projects and document how new technology, simplified processes, and improved data management could transform manpower management across the Marine Corps. Transformation planning also includes an Organizational Change Management Plan focused on educating MITSM stakeholders in the areas of trends and techniques to foster a culture of change management focused on the end-user, which will be used to ease the transition to new solutions as modernization efforts are introduced and deployed to users across the portfolio. This OTA effort will be crucial to organizing and ensuring cohesion for MITSM's modernizations efforts across the 17 disparate systems in the portfolio.

Program Updates:

- Human Resource Development Process (HRDP) IT systems directly support the recruitment, development, organization, and sustainment of a quality Total Force with the proper mix of educated and trained active and reserve Marines. The systems provide capabilities for the planning, directing, coordinating, and supervision of both active and reserve forces. The following legacy manpower systems were aligned to the MITSM Portfolio in FY23 and are all in the capability support phase.

  - Automated Performance Evaluation System (APES)
  - Marine Corps Recruiting Command Advertising Information Technology System (MCRC - AITS)
  - Marine Corps Total Force System (MCTFS)
  - MARFORRES Enterprise Information System (MFR EIS)
  - MARFORRES Individual Ready Reserve Tool (MFR IRR Tool)
  - Manpower Models (MODELS)
  - Marine Online (MOL)
  - Optical Digital Imaging Records System (ODI-RMS)

- Talent Management Engagement Platform (TMEP) is an automated marketplace for assignments for Marines, Monitors, and Commands. It is currently a pilot effort and will provide valuable feedback and input as MITSM researches and pursues a commercial solution for talent management.

- Marine Corps Recruiting Information Support System (MCRISS) Legacy is the enterprise system that supports recruiting efforts at the Headquarters, Regional, District, Recruiting Stations (RS)/Prior Service Recruiting Stations (PSRS), Recruiting Substation (RSS)/Prior Service Recruiting Substations (PSRSS) and Officer Selection Stations (OSS) locations. It provides a centrally managed and secure repository of information and services to support the management of applicant processing from prospects to accession and commission into the Marine Corps and Marine Corps Reserve to meet established manning levels. MCRISS integrates with other USMC and Department of Defense (DoD) systems. MCRISS Legacy continues to be the official system until a modernization tool is deployed. The MCRISS Team has identified areas requiring improvement to ensure MCRISS Legacy's performance and cyber posture are compliant, and upgrades will be completed in FY24.

- Since MITSM was established in February 2023, the portfolio has focused on modernizing legacy applications and maximizing the use of cloud technologies to provide a streamlined portfolio of capabilities that will leverage data analytics and optimize manpower management outcomes. The following efforts are in the planning phase of the acquisition lifecycle.

  - Marine Corps Reenlistment, Incentive and Bonus Capability (MCRIB) – In FY24 and FY25, MITSM and M&RA will work closely with the vendor to identify, develop and deploy a technology solution prototype for the retention and reenlistment process.

  - Marine Corps Occupational Specialty Matching (MCOSM) is a tool that merges job interest information from Marine Corps enlisted applicants with the ability to recommend a preferred program enlisted for (PEF) and military occupational specialty (MOS) that has the potential to improve several measures of performance (MOP) across the human resource development process (HRDP). MCOSM leverages over 20 years of U.S. Navy research and applies one of their current systems of record, Job Opportunities in the Navy (JOIN), to the Corps' HRDP. MCOSM facilities this by gathering data upfront to increase the likelihood that a Marine is placed in the best MOS/PEF to fit their skills, interests, and the needs of the Corps.

  - Assignments/ New Talent Marketplace – This modernization effort seeks to procure a commercial solution to TMEP. A request for proposal was released via Navy IWRP summer of FY23 and the OTA award is expected Q1 FY24.

  - Retention Prediction Network (RPN) uses artificial intelligence and machine learning to predict success at recruit and entry-level training. Once fully developed and implemented, these tools will increase entry-level training success, lower non-End of Active Service (EAS) attrition, and improve alignment of skills and job satisfaction.

  - Enlisted Staffing Goal Model (ESGM) is a prototype effort managed by M&RA focused on providing an intuitive user interface that allows users to rapidly adjust unit strength requirements and operate the algorithm as needed to finalize enlisted staffing goals.

- Marine Corps Training Information Management System (MCTIMS) is the authoritative data source for all training data – generating, maintaining, sharing, and reporting – as required by other service-level systems. MCTIMS directly supports the mission of Training and Education Command (TECOM) to provide entry-level trained Marines to the operating forces and supporting establishment. In the near future, units will use MCTIMS to develop unit training plans, training schedules, and record training achievements. MCTIMS Legacy is in the capability support phase and MCTIMS II, the planned follow-on, is currently in the planning phase.

- MarineNet is the enterprise architecture portion of the Marine Corps Distance Learning Program (MCDLP) and provides required military occupational specialty, distance professional military education, pre-deployment training, language and cultural, common skills, and annual training to the Marines worldwide. MarineNet is a BCAT II program in the capability support phase. During FY23, MarineNet received a new three-year Authority to Operate (ATO) and completed 11 third octet software releases, providing enhancements focusing on user and administrative ease of use, operational efficiencies, Controlled Unclassified Information (CUI) handling, and content loading capabilities.
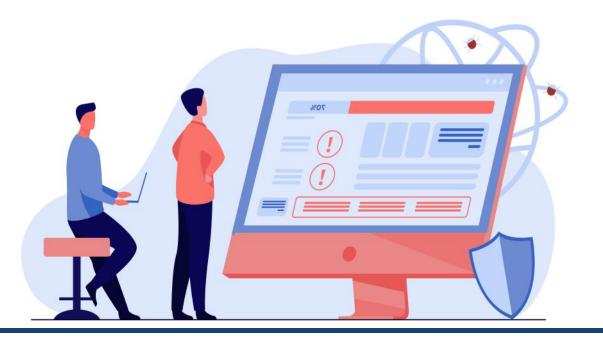
NAVAL APPLICATIONS AND BUSINESS SERVICES

Naval Applications and Business Services (NABS) delivers enterprise business applications and services that support Navy and Marine Corps warfighters, earning high customer satisfaction by using best practices and common Naval solutions to reduce operating costs and speed delivery.

Signature Accomplishment 1

Created PEO MLB's first overarching Cybersecurity Strategy (CSS) in June 2023. The Cybersecurity Team utilized the Department of the Navy (DON) Chief Information Officer (CIO) Cybersecurity Strategy Outline and Guidance to develop new CSS documents for several systems. The overarching CSS addresses information that is standard for all programs and includes an appendix template for each program to capture system-specific information. The team received Naval Information Warfare Systems Command (NAVWAR) Chief Information Security Officer (CISO) approval to utilize the new format. The Joint Air Logistics Information System (JALIS) program utilized the overarching CSS and appendix to reduce the document development time from 30 days to five. The standardized template ensures programs are addressing the tenants of cybersecurity according to DON guidance while improving program readiness and reducing the time required to develop an end-to-end CSS document.

The Cybersecurity Team also participated in developing the Functional Authorizing Official (FAO) business rules in May 2023. This was a significant accomplishment as it allowed FAO stakeholders and customers to shape the future of FAO processing rules. The team leveraged their expertise and experience to create a streamlined process for various types of program packages between NABS and the FAO, resulting in shorter processing times, the ability to extended Authority to Operate (ATOs) after meeting new Annual Security Review (ASR) submission criteria and a more committed relationship between NABS and the FAO.

Signature Accomplishment 2

Recognized for excellence in executing programs in an agile environment. Two NABS programs were recommended by an Assistant Secretary of the Navy for Research, Development, and Acquisition (ASN RD&A) stakeholder to team with the Defense Acquisition University (DAU) to present at a "Let's talk About Agile" webinar. The ASN RDA Information System (RDAIS) and the Naval Court-Martial Reporting System (NCORS) program managers led a discussion about how they use the agile development process in delivering their systems with over 550 attendees. The program managers outlined the differences between traditional and agile approaches, lessons learned, agile contracting, key success factors, cybersecurity compliance and common challenges. The webinar attendees asked questions to better understand how to successfully implement the RDAIS and NCORS program strategies in their programs. The RDAIS and NCORS "Let's Talk About Agile" session received accolades from webinar attendees and PEO MLB, ASN RDA, and DAU leadership. DAU requested that NABS host additional educational sessions.

Signature Accomplishment 3

Participated in the DON's efforts to promote the Department of Defense's Software and Digital Technology pilot program utilizing the Budget Activity-8 (BA-8) funding model Acquisition Programs. The Risk Management Information (RMI) program was one of nine programs in the appropriation pilot. The NABS Program Manager Ms. Christine Lamer shared lessons learned and program decision making strategies that was used for a national news radio broadcast. On May 22, 2023, the IBM Center for The Business of Government's "The Business of Government Hour" broadcast featured Assistant Secretary of the Navy Financial Management & Comptroller (ASN FM&C) Mr. Russell Rumbaugh discussing his priorities for FM&C, including consolidating financial management systems and data management, topics that align with the work of NABS and PEO MLB. Mr. Rumbaugh highlighted several programs including NABS' RMI that used the BA-8 pilot program to help build trust among the financial management community to allow for more financial flexibility in the budgeting process. Financial flexibility is critical in supporting IT programs implementing Software Acquisition Pathway (SWP). Mr. Rumbaugh's episode of "The Business of Government Hour" is available at https://www.businessofgovernment.org/interviews/4988. NABS Program Manager Ms. Christine Lamer was featured in a Federal News Network report on the DON's use of BA-8 in RMI, highlighting the flexibility it provided for the program to pivot immediately when customer priorities change rather than waiting to reprogram the money. The Federal News Network article is available at https://federalnewsnetwork.com/navy/2023/11/navy-says-two-programs-show-the-case-for-colorless-it-spending/.

Program Updates:

- The Case Execution Modernization Initiative (CEMI) will serve Navy, Coast Guard, Marine Corps, and foreign nationals as the enterprise case execution capability to comprehensively and efficiently access, integrate, manage, track, evaluate and transfer case execution, logistics, requisition, procurement, contracting, funding, financial, accounting and services data across the Foreign Military Sales (FMS) community activities.

  CEMI is a hybrid system using the DON's Enterprise Resource Planning (ERP) solution and an Appian-based case management solution. The program completed two Plan and Analyze phases to divide the functional requirements into the appropriate solution. The CEMI team is configuring the Appian system using an agile process, working with the users on a daily basis. The program remains on schedule with sprint sessions and bi-weekly user demonstrations. Two "sandbox" releases allow the user community to freely use the solution and provide their feedback to the developers to improve the solution. The program is on track to deliver a prototype solution in FY24.

- Command Individual Risk and Resiliency Assessment System (CIRRAS) enables Marine Corps commanding officers and senior enlisted advisors to make informed and timely decisions on force preservation risk assessments based on the identification and tracking of individual Service Member behaviors associated with increased risk or resiliency as defined by the Commandant's "Six Fs." The "Six Fs" are Fidelity, Fighter, Fitness, Family, Finances and Future.

  CIRRAS Version 1.1 (v 1.1) deployed in February 2023. Additional v1.1 features including a resources page, archives, reports and queries are being incrementally deployed with full delivery of all new capabilities projected by December 2023. The program team assisted the Manpower and Reserve Affairs (M&RA), Marine and Family Programs Division (MF) to identify the CIRRAS Version 2.0 requirements that will begin development in 2nd Quarter FY24 bringing enhanced capabilities to users upon deployment. Working closely with the user community, the program had 30,000 new active user account requests. The CIRRAS program also supported the Marine Corps in conducting 23,000 Force Preservation Councils (FPCs).

- Director of Acquisition Career Management Information System (DACM-MIS) is the Navy and Marine Corps' database supporting the professional development and management of the DON acquisition workforce. DACM-MIS is the DON's authoritative source for acquisition workforce analytics and reporting.

  The DACM-MIS program continued to adjust features and functionality to support the Under Secretary of Defense for Acquisition and Sustainment memorandum "Back-to-Basics for the Defense Acquisition Workforce," which directs the streamlining of the functional area framework and prioritizing training resources for the Defense Acquisition Workforce (AWF) who develop, acquire and sustain operational capability. DACM-MIS supported the reduction of 14 DoD acquisition career fields to six functional areas, resulting in the reduction of separate reports for Business Financial Management and Business Cost Estimating for each field. The tool was updated to provide a warning to users to properly apply Controlled Unclassified Information (CUI) markings to reports, automate the testing and verification of input files from other acquisition and personnel data systems, automatically checks external interface inputs and reports the number of errors found, and reports on incorrect/incomplete acquisition assignments.

- DoD Information Technology Portfolio Repository/DON Application and Database Management Systems (DITPR/DADMS) is the DoD's authoritative inventory of Information Technology (IT) systems, providing senior DoD decision-makers information to make resource decisions. DADMS is the single, authoritative source for DON IT systems, applications and server information and supports compliance reporting and certification processes.

  The program had a steady cadence in FY23 with weekly software releases, ensuring leadership has a holistic view into portfolio compliance. Preparing for a cloud migration, the team added new cloud-related fields to provide improved DoD compliance for cloud systems. The Federal Financial Management Improvement Act in Financial Management Systems was released to update the system to be consistent with the U.S. Treasury federal financial functions and the systems' DoD IT Portfolio Repository (DITPR) Defense Business System (DBS) Certification Business Enterprise Architecture (BEA) assertions. One notable software release provided the ability for 508 Compliance tracking to ensure DON system status conforms to the Section 508 technical standards and requirements of the Rehabilitation Act of 1973, as amended.

- Electronic Procurement System (ePS) is the DON's End-to-End (E2E) Contract Writing System (CWS) and will provide the Navy and Marine Corps contracting community with a full contract writing management capability and facilitate integration with federally mandated systems, DON financial systems, and industry. ePS will utilize DoD standards and support auditability.

  ePS continued to drive activities forward to deliver the MVCR. In collaboration with industry partners, a strategy for an E2E contract writing solution for the DON was identified. The Request For Proposal (RFP) for the ePS Portfolio Coordinator (ePC) contract was released and it was awarded in August 2023. In Q2 and Q3 FY23, the user community successfully tested the prototype in the Marine Corps Business Operations Support Services (MCBOSS) Development Security Operations (DevSecOps) Stage environment, ensuring the prototype works in the Government's environment.

Program Updates Continued:

- Standard Procurement System – Marine Corps (SPS-MC) is part of a joint program that supports the CWS for the DoD using a software application called Procurement Desktop Defense (PD2). The Joint Program Management Office (JPMO) is part of the Defense Logistics Agency (DLA). As the Marine Corps CWS, SPS-MC automates and standardizes the procurement process starting with receipt of the Purchase Request (PR) from the Defense Agencies Initiative (DAI) system through contract closeout.

  Throughout FY23 provided continued sustainment support for SPS-MC by implementing cybersecurity and technical improvements to ensure system reliability and availability going forward. The team upgraded the system to System Release 2019 (SR19) and Windows Server 2016 to address critical cyber vulnerabilities and improve system performance. To improve functionality, the team implemented Handshake 2 (HS2) for funds validation between SPS-MC and the DAI system, and awarded a contract to implement the Workflow Hosting Facility (WHF) in FY24. The implementation of both WHF and HS2 will assist users with reducing manual workarounds and funds validation errors that have increased following DAI implementation.

- Force Level Integration Tool (FLINT) is a digital decision support solution that enables mass exploration of Program Objective Memorandum (POM) alternatives; positioning the Navy's POM programming process to evolve from a subjective human capital and document-centric process to a data driven, model-centric process that leverages automated frameworks and computing to serve as the analytical underpinning for developing the POM.

  Following a successful Minimum Viable Capability Release (MVCR), the FLINT program successfully deployed to the Naval Air Systems Command (NAVAIR) Amazon Web Services (AWS) Impact Level-6 (IL-6) cloud production environment in December 2022, three months ahead of schedule. FLINT allows users to perform research rooted in POM spending data and record the outputs of decisional meetings in the form of multidimensional rank-order lists. The early release and deployment of FLINT was made possible by a collaborative approach by the NABS FLINT Team, Naval Information Warfare Center Atlantic (NIWC LANT), the Georgia Technical Research Institute, and Naval Information Warfare Systems Command (NAVWAR) Headquarters. A FLINT Service Desk was also established in coordination with the system integrator, NAVAIR Digital/Network Applications (DNA) Infrastructure & Operations (I&O) Hosting Services, providing customer support for the FLINT application and technical issues.

- Joint Air Logistics Information System (JALIS) is an information management system used by the Joint Warfighter to request and schedule airlifts for high-priority passengers and cargo in support of combat or contingency operations. JALIS also collects post-mission data to support enterprise management decisions. JALIS stakeholders include all unified commands, services, air wings and squadrons that provide air assets in support of operational support airlift requirements.

  JALIS migrated both the production and test environments into the AWS Government Cloud in February 2023. The team continued supporting the Army's effort to integrate the Army JALIS database into the Navy JALIS system. The Army database installed and updated to the current version 2.34, with internal testing completed in May 2023. The program will continue to support the Army if they choose to migrate into the Navy solution. Finally, a follow-on, five-year contract to support JALIS sustainment and future modernization efforts was awarded.

- Joint Force Requirements Generator II (JFRG-II) is a tactical classified operational planning desktop application that provides Marine Air Ground Task Force (MAGTF) users the capability to conduct Force Deployment Planning and Execution. The application is used only on the Marine Corps classified Joint Tactical Common Operational Workstations (JTCWs). The application manually sources and exchanges Time-Phased Force and Deployment Data (TPFDD).

  The team began developing the Joint Force Requirements Generator - Planning Tool (J-PT) for the Marine Corps and provided a JFRG & J-PT briefing and demonstration in June 2023 at the 0511 Symposium at the Pentagon to increase knowledge on JFRG II legacy sustainment enhancements and the status of the software build for J-PT. The team also supported Marine Corps Forces Pacific G5 by testing the feasibility of using the JFRG II with the Joint Flow and Analysis System for Transportation (JFAST) Interoperability as this is critical to reducing the man-hours required to plan and embark Marines within the Pacific Rim.

- Joint Operational Medicine Information Systems-Marine Corps (JOMIS) modernizes, deploys, and sustains the DoD's operational medicine information systems by fielding the DoD Modernized Electronic Health Record (EHR) solution while developing and fielding new theater capabilities to enable comprehensive health services to deployed forces across the range of military operations.

  The team completed partnership collaboration efforts with the Defense Health Agency (DHA) JOMIS Command to establish software development criteria for the new Joint Military Health System (MHS) during the Health Care Delivery Synchronization Conference in April 2023. This achievement provides a broad path towards future synchronization and coordination efforts with DHA, the Joint Staff Surgeon's Office, the Services Military Medical Departments and JOMIS. The team continues to support and participate in the DHA JOMIS training sessions to support the development of the new joint MHS system.

Program Updates Continued:

- Naval Court Martial On-Line Reporting System (NCORS) serves as the DON's Legal single authoritative case management information technology (IT) capability providing leadership with enterprise-wide visibility into incident and case management while meeting Article 140a, Uniform Code of Military Justice (UCMJ) and yearly National Defense Authorization Act (NDAA) updates. Additionally, NCORS imposes data collection, case management and transparency requirements on all branches.

  NCORS is a SWP program currently in the Execution Phase. The team uses an agile development process, allowing developers and judge advocate users to continuously collaborate on the ultimate solution. The program provided two prototype products, providing users with direct access to the system to further test the capabilities. The system was delivered to the user community in June 2023, which will help the DON's judge advocates meet their yearly congressional and NDAA requirements. Since the June deployment, NCORS deployed 10 additional capability releases that adjusted workflows, addressed user issues and kept the cybersecurity posture up to date.

  In April 2023, the team developed the Virtual Instructor-Led Training (VILT) materials, 101 training materials, and Job Sheets in support of the curriculum. The VILT materials consisted of two Train-the-Trainer (T3) curriculums including job sheets and 11 role specific training materials for the T3 trainers to use in training their respective commands. The NCORS team identified and develop focused training content, partnered with program stakeholders and leveraged resources and relationships to develop critical training materials and end-user training readiness plans.

- Navy Information Applications Product Suite (NIAPS) is a software suite that provides application hosting and ship-to-shore and shore-to-ship data replication services for Department of Defense (DoD) applications. The primary mission of NIAPS is to extend shore-based applications into the shipboard environment to facilitate disconnected operations through data replication/synchronization technology. The suite of 11 applications provides on-ship safety, logistical, maintenance and training services. Data replications services are critical in providing the latest information to the warfighter.

  NIAPS provided a training video delivery and viewing capability demonstration to Afloat Integrated Learning Environment (AILE) and US Fleet Forces Command (USFFC) in May 2023. The capability leveraged existing functionality as a proof of concept to be delivered quickly. The use case demonstrated a ship's ability to select training videos from an ashore site, download them to the ship and have them available to the warfighter to view locally on the ship. This will provide the Warfighter access to maintenance training videos in a disconnected operations environment. Deployment to the fleet began late August 2023.

  The program released an update to its data replication services to the Fleet April 2023. The update was deployed to 129 of the 134 surface ships operating under NIAPS 3.x. The updated services provide readiness benefits for cybersecurity. Maintenance and security patches are released and automatically deployed to 70% of the NIAPS 3.x ships in less than 10 days as opposed to the 60+ days previously. A cost savings of $600K per year will be realized through a reduction in hosting services, elimination of commercial-off-the-self (COTS) licensing and labor for the upcoming fiscal year.

- Organizational Messaging System (OMS) is used by commands to communicate administrative and operational messages between and within organizations. OMS is the first program in the Marine Corps to employ hyper-converged technology, which combines the functions of several larger pieces of equipment into a single device called a "block."

  In FY23, the program coordinated and initiated efforts to develop, design and implement a cross domain solution (CDS) with the Defense Information Systems Agency (DISA). The CDS will restore full unclassified, cross-agency messaging for the Marine Corps, bringing OMS back to full functionality. The CDS is estimated to be deployed in Q2 FY24. Contracts were awarded for continued OMS sustainment, Regional Nodes for Automated Message Handling Service (AMHS) annual license sustainment and continuing on-site support to sustain the OMS environment.

- ASN (RDA) Information System (RDAIS) is a decision support system designed to provide critical informational to senior Navy managers and program executives to assist them in managing cost, schedule, and performance for all Navy Acquisition Category (ACAT), Business Category (BCAT) level I-IV and Abbreviated Acquisition Programs (AAP) programs.

  Successfully implementing an agile approach, the program averaged a software deployment every seven days, with 52 software deployments in FY23. The additional RDAIS capabilities allows users to efficiently obtain acquisition data on all DON managed programs across the Adaptive Acquisition Framework (AAF). RDAIS data is available to the Under Secretary of Defense for Acquisition and Sustainment ((USD (A&S)) staff via retrieval methods for presentation in the Office of the Secretary of Defense (OSD) data system.

- Risk Management Information (RMI) is a program coordinated with key Navy safety stakeholders consisting of four capability areas – Dive Jump Reporting System (JDRS)/Streamlined Incident Reporting (SIR), Analysis and Dissemination (A&D), Safety Program Management (SPM) and Single Point of Entry (SPOE) – that replaces and improves existing Naval Safety Center capabilities.

  Using an agile development methodology, the program successfully deployed the SPM Confined Space (CS) module; the fourth module released in the multi-phased RMI initiative that will modernize the Navy's safety incident reporting, safety program management and mishap/hazard analysis processes. The CS module will track credentials, certifications and training of personnel certified to work in designated confined spaces, ensuring compliance with Navy and Marine Corps mandated policies, guidelines and overall safety standards. The RMI program, Air Force Safety Center and Commander, Naval Installations Command (CNIC) engineering teams deployed the interface between RMI and Enterprise Safety Application Management System (ESAMS). The interface enables secure automated transfer of data from RMI to ESAMS, negating the need for dual reporting and making safety data available to other ESAMS application modules until all Navy and Marine Corps users' transition to RMI.

Program Updates Continued:

- Strategic Management Decision Support (SMDS) will provide Marine Corps senior leaders, across all functional areas, adequate tools and data to facilitate data-driven and analytically sound decision support for Marine Corps strategic-level business process areas including Global Force Management (GFM)/Force Management Planning, Capabilities Planning, Resourcing, Monitoring, Current Force Generation and Future Force Generation used to make force development and readiness decisions.

  The program received approval to start agile development of the SMDS Release 1.0 production baseline build to replace the two outdated legacy Marine Corps Global Force Management (GFM) applications, the Force Management Tool and Slider. SMDS will deliver a state of the art data enterprise system to the Marine Corps that will provide data analysis and analytics to greatly reduce the manual GFM workload and increase GFM data visibility to the Marine Corps Fleet Forces, combatant commands and the DoD Joint Staff.
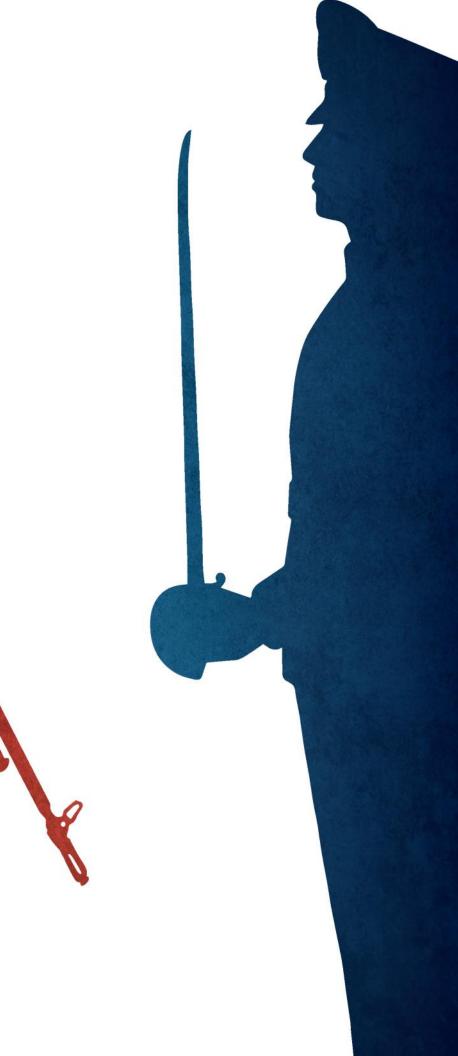
- Total Force Structure Management System (TFSMS) is the authoritative data source for Marine Corps force structure data, including principal end-item equipment requirements and units, officer and enlisted billets. TFSMS supports combat development activities associated with the Expeditionary Force Development System and underpins the Total Force Structure Process per Marine Corps Order 5311.1.

  The program completed updates to all TFSMS architecture, which were reviewed and approved by the Deputy Commandant, Combat Development, and Integration, (DC, CD&I) Organizational Architecture Branch, allowing program activities to move forward. The program published the Semi-Annual Authorized Strength Report in February 2023, which set the requirements for all Marine Corps billet structure and equipment for operational and personnel assignment planning. TFSMS program kicked off its modernization effort to pave the way to continue its agile software development process. Modernizing TFSMS includes an upgraded operating system platform, a modern Graphic Unit Interface (GUI) relevant to today's users, a CDS capability, real-time and robust operational planning functions and cloud migration capability.

- Theater Medical Information Program-Marine Corps (TMIP-MC) serves as the medical information technology system that supports the medical readiness of deployed combat forces in support of any mission. TMIP-MC provides the Electronic Health Record (EHR) and an electronic enterprise management tool for Class VIII medical supplies and equipment as well as critical visibility of patient movement and health surveillance.

  The program delivered two TMIP-MC services to ready the Marine Corps Legacy Electronic Health Record (EHR) systems to deploy the Defense Health Agency TMIP enhancements and patches. TMIP Maritime also assisted the TMIP-MC by providing a Navy System Administrator and EHR Contractor Subject Matter Expert to assist the deployed 2nd Marine Aircraft Wing to get their network connection fully operational to move over 160 patient encounters to the Theater Medical Data Store.

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