



PMW 150

COMMAND AND CONTROL SYSTEMS PROGRAM OFFICE

ENABLE BETTER DECISIONS FASTER



We provide intuitive, innovative, and resilient Command and Control and Tactical Communications solutions to the warfighter to enable better decisions faster.

FY25 PRIORITIES

Modernize Command and Control (C2) Systems:

- Enhance situational awareness, decision-making speed, and data-sharing capabilities across joint and coalition forces.
- Enable Distributed Maritime Operations / multi-domain integration, to deliver decision advantage.

Advance Tactical Data Link Capabilities:

- Expand use of Link 16 and Link 22 for seamless data sharing and dynamic network management.
- Integrate Tactical Targeting Network Technology (TTNT) on ships.

Optimize Sustainment and Lifecycle Management:

- Streamline maintenance and logistics support to minimize downtime and cost.
- Initiate development and integration of telemetry / remote repair capabilities.

Improve Interoperability with Joint and Allied Forces:

- Enhance compatibility with joint and allied forces for seamless multinational operations.

Accelerate Software Development and Delivery:

- Focus on Sailor-capable installation of containerized C2 applications.
- Expand ability to perform over-the-air updates to minimize downtime and increase operational readiness.

Develop AI-Driven Decision Support Tools:

- Implement artificial intelligence (AI) and machine learning technologies to process large datasets, predict threats, and improve situational awareness.

Training Plan Development:

- Implementation of agile-based training/product support.
- Innovate and deliver training content in a more flexible and cost-effective manner.

TOP PROGRAMS/ PROJECT

Global Command and Control System-Maritime (GCCS-M) - (ACAT IAC)

GCCS-M is the Navy's primary Command and Control (C2) program of record and the maritime component of the DoD's Joint C2 Family of Systems. It provides near-real-time tactical and operational situational awareness, C2 capabilities, Common Operational and Tactical Pictures (COP & CTP), for data and information sharing across C5ISR systems supporting U.S., Allied and Coalition partners, and joint operations, with users on ships, submarines, and at Maritime Operations Centers ashore.

Command and Control Processor (C2P) - (ACAT II)

C2P is the integrated shipboard interface between combat systems and tactical data links (TDL), including Link 11, Link 16, Satellite TDL-J, and JREAP; performing simultaneous processing of TDLs; and providing that information to combat systems on USN / USCG ships, and shore sites equipped with an Aegis or Ship Self-Defense System (SSDS) combat system. Increment 3 will deliver Link 22 capability while fully modernizing the software architecture for improved cyber security and rapid fielding of new capabilities, data links, and message types.

Maritime Tactical Command and Control (MTC2) - Software Acquisition Pathway Program (SWAP)

MTC2 is an agile software development program that delivers and provides a common User Interface for: Battle Management Aids and Maritime Planning Tools to dynamically plan, direct, monitor and assess Distributed Maritime Operations as part of exercising C2 of Navy, joint and coalition forces in the maritime domain. MTC2 collates and synthesizes information about the battlespace, allowing U.S. Navy Commanders and their staff to coordinate and act quickly to achieve decision superiority.

- Integrates Collaborative Integrated Air and Missile Defense (IAMD) Planning Program (CIPP) capabilities, which delivers operational and tactical IAMD planning applications supporting Maritime Operations Center, Carrier Strike Group, and ship tactical planning.

Link 16 Network - (ACAT II)

Link 16 is a multi-increment program with Increment (Inc) 1 providing sustainment of legacy Joint Tactical Information Distribution System and Multifunctional Information Distribution System (MIDS) on Ship (MOS) systems. Inc 2 provides development and fielding of software for Link 16 dynamic network management, crypto modernization and frequency remapping, and modernizes Link 16 implementation for ships.

Link Monitoring and Management Tool (LMMT) - (ACAT III)

LMMT Supports the Joint Interface Control Officer (JICO) in monitoring and managing the tactical data links (TDL) including beyond line-of-sight networks used to exchange TDL information. LMMT complements the Navy warfighter in a joint architecture by enhancing overall performance at the operational and tactical levels. LMMT will field the first operational instance of Link 22 on US ships.

Navy Air Operations Command and Control (NAOC2) - (Project)

The NAOC2 project fields one Air Force and one Army system to Force-Level platforms. The Air Force developed capability, Theater Battle Management Core System (TBMCS), supports Joint theater air battle management planning and tasking, Navy contribution to Air Tasking Order/Airspace Control Order. The Army developed capability, Joint Automated Deep Operations Coordination System (JADOCS), supports Joint coordination for time-sensitive and maritime dynamic targeting.