

Fleet C4I and Readiness Department

Rapidly delivering and sustaining effective information warfare capabilities to the Fleet

Departments



Fleet C4I and Readiness Department

FY19: 1,677 FTEs

150 Programs / Projects

- Engineer (design, develop and test) new C4ISR capabilities that give our Fleet an advantage over adversaries.
- Integrate C4ISR systems into the U.S. Navy's newest and most advanced ships and submarines.
- Install C2, intel, communications, networks and applications for the Fleet.
- Support Fleet C4ISR systems to maintain operational availability and complete lifecycle engineering.

Customer Areas

- PMW 120
- PMW 130
- PMW 150
- PMW 160
- PMW 170
- PMW 740
- PMW 750/760
- PMW 770
- PMW 790
- FRD
- NAVSEA
- NAVAIR
- USCG
- Fleet Cyber
- Numbered Fleets

Leadership

Charles Adams – SSTM Department Head

- Greg Lancaster – Deputy (100 Groups)
 - Division Heads:
 - John Thompson – Battlespace Awareness Division (PMW 120)
 - Jeff Sweeney – IA & Navy Cybersecurity Division (PMW 130)
 - Gary Miller – Command & Control & Afloat Application Division (PMW 150)
 - Bob Rozar – Navy Afloat Networks Division (PMW 160)
 - Joe Sisti – Navy Afloat Transport & Navigation Division (PMW 170)
- Travis Tillman – Deputy (700 Groups)
 - Division Heads:
 - Rick Pass – FMS/Air Integration/USCG Division (PMW 740)
 - Mark Held – Surface Ship Integration Div. (PMW 750/760)
 - David Bednarczyk – Submarine Integration Division (PMW 770)
 - Mark Luther – Shore C4I Integration Division (PMW 790)
 - Len Little (Acting) – Fleet Installations and Response Division

Achievements

- Naval Messaging (NM) IPT achieved a major milestone in the deployment of the Command and Control Official Information and Exchange (C2OIX) Build 3.0 at Naval Computer and Telecommunications Master Station (NCTAMS), Atlantic and Pacific, with a FY19 migration of the Master Update Authority (MUA) function from Fleet Message Exchange (FMX) to C2OIX. The MUA communicates with Central Directory Components (CDC) operating at three DISA National Gateway Centers and controls message addressing and routing to support all Fleet surface and subsurface units. Vastly enhances Fleet messaging capabilities with much smaller hardware and software footprints.
- Afloat Submarine C4I IPT completed build of Pier WAN Suitcase Version 2 units, which will replace existing Pier WAN Suitcase used by the Fleet to provide NIPRNET and SIPRNET connectivity for subsurface platforms while the Exterior Communication System (ECS) is offline and/or removed from the platform during pier side and maintenance activities
- Naval Tactical Command Support System (NTCSS) IPT completed the first successful installation of their developed Bar Code Supply-Logistics Maintenance Automated Information System (BCS-LMAIS) onboard USS Detroit (LCS-7) in FY19 at Naval Station Mayport, Florida. A new capability, these handheld scanning devices allow ships with minimal staffing to digitally manage assets aboard the platform through receipt, stow and issue and maintain accurate inventories utilizing this automated process.

Warfighting Thrust Areas

To give our Fleet an advantage over adversaries

- Deliver cyber warfare solutions at the speed of technology innovation to enable the Fleet to defend tactical networks and provide offensive cyber warfare capabilities (apps/tools).
- Enable modern IT service delivery technologies, including system and network virtualization and cloud-based solutions afloat, as the Navy's Tactical Cloud Software Developer.
- Leverage ship new construction C4I engineering, design, integration and installation expertise to deliver state-of-the-art information warfare capabilities to the Fleet.
- Lead and provide critical engineering resources to Electromagnetic Maneuver Warfare/Integrated Fires (EMW/IF) architecture and system development.
- Position to be the Navy's technical subject matter experts in Maritime Assured Position, Navigation and Timing (PNT) by focusing on projects that ensure continuous and reliable PNT.

Areas of Emphasis

- Seek innovative means for technology transition to warfighters
- Create opportunities to engage with industry
- Reduce the cost of products and services
- Leverage the NR&DE and employ high-velocity learning



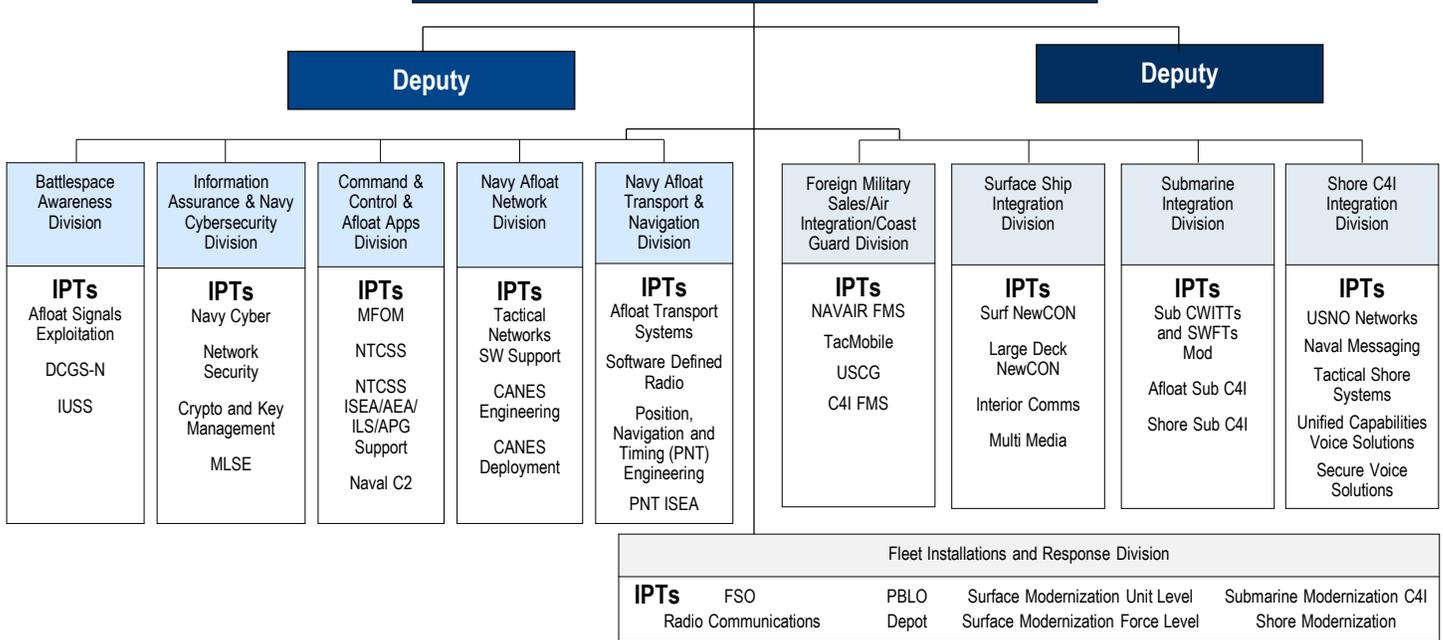
Delivering mission-critical information warfare capabilities to the Warfighter

Naval Information Warfare Center (NIWC) Atlantic is a Navy engineering and Information Technology (IT) Command and part of the Naval Research and Development Establishment.

Our work is shaped by requirements that demand research and engineering with the goal of delivering the operational advantage gained from fully integrating Naval information functions, capabilities and resources to optimize decision making and maximize warfighting effects.

We deliver the products and solutions that help our customers accomplish their mission today and into the future and most importantly, serve our nation by delivering information warfare solutions that protect national security.

Fleet C4I and Readiness Department



Fleet C4I and Readiness Divisions

- Battlespace Awareness Division:** Delivers intelligence and IO products and services to Warfighters, with primary customer PMW 120 (ISR/IO). Provides the ISR/IO Capability-Based In-Service Engineering Activity (CB-ISEA) services.
- Information Assurance and Navy Cybersecurity Division:** Delivers cybersecurity protection of DoD IT and telecom systems with cryptographic, network and host-based security products that ensure strong authentication, data integrity, confidentiality, non-repudiation and availability of network information.
- Command and Control and Afloat Applications Division:** Delivers operational and tactical command and control capabilities by integrating real-time and near real-time representations of tactical situations, providing targeting support, chemical-biological warnings and logistics support for Warfighters.
- Navy Afloat Networks Division:** Rapidly deliver integrated wide area, local networking and foundation computing systems products and services to Warfighters. Major systems include CANES, ADNS, ISNS, CENTRIXS and CES.
- Navy Afloat Transport and Navigation Division:** Provides engineering integration and lifecycle support to Navy Afloat Transport Systems. Integrate, deliver and support interoperable communications, enabling seamless Fleet operations. Provides improvements to GPS receivers and antennas and non-GPS sensors and systems. Integrates, tests and evaluates, sustains and supports software-defined radio communications solutions for the Warfighter.
- Foreign Military Sales / Air Integration / Coast Guard Division:** Delivers and integrates tailored, C4I-releasable systems to foreign partners through Foreign Military Sales and Foreign Military Financing to enhance interoperability between the U.S. and international partners. Provides engineering integration and lifecycle support for Navy TacMobile along with C4I systems integration, installation and testing for new construction USCG ships.
- Surface Ship Integration Division:** Delivers integrated and interoperable C4I capabilities and support to new construction Navy aircraft carriers, amphibious ships, command ships and aircraft. Designs, integrates and tests interoperable C4I end-to-end capabilities to Navy and Coast Guard ships during new construction and modernization.
- Submarine Integration Division:** Delivers vital naval capabilities by connecting the entire undersea architecture of manned and unmanned systems and undersea vehicles to maximize joint warfighting capability.
- Shore C4I Integration Division:** Delivers integrated and interoperable C4I capabilities and support to the Navy's shore and expeditionary forces through modernization, acquisition and system integration.
- Fleet Installations and Response Division:** Provides direct Fleet support after new platform delivery through the Fleet Support Office, Fleet modernization through the Installation Execution Office and Fleet sustainment of system performance through the In-Service Engineering Agent.



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 NAVWAR Contract Directorate Office: <https://e-commerce.sscno.nmci.navy.mil>