

PMW 760

Ship Integration Program Office

INTRODUCTION:

The Ship Integration Program Office coordinates the design, acquisition, test, integration, and installation of C4I capabilities developed by the various program offices within PEO C4I on New Construction and in-service U.S. Navy surface ships, Military Sealift Command (MSC) special mission and support ships, U.S. Coast Guard (USCG) Cutters, and AEGIS Ashore sites.



VISION:

To deliver and integrate the most capable and relevant C4I to the Fleet.

MISSION:

PMW 760 is responsible for planning and delivery of integrated C4I capabilities by supporting New Ship Construction and Fleet Modernization programs for surface unit-level combatants, amphibious, auxiliary and special mission vessels of the U.S. Navy, Coast Guard, Military Sealift Command, and Missile Defense Agency.

Our two primary mission focus areas are: New Ship Construction and Modernization.

FY 25-26 PRIORITIES

1. Fleet Introduction of New Construction Ships and support of 75 mission ready ships by ensuring C4I Program of Record Sustainment.
2. Optimizing C4I Delivery by adopting Agility in Shipbuilding initiatives.
3. Developing and analyzing metrics to "Get Better" by coupling big data analytics with "Get Real, Get Better" principles.
4. Workforce Development by implementing an organizational learning program and career management to promote continuous professional career growth.

NOTABLE PROGRAMS SUPPORTED:

Ship Construction programs that PMW 760 supports include the Unmanned Surface Vessel (USV), Guided Missile Frigate (FFG 62 Class), Littoral Combat Ship (LCS), Guided Missile Destroyer (DDG 51 Class), ZUMWALT Destroyer (DDG 1000 Class), Amphibious Transport Dock ship (LPD 17 Class), Medium Landing Ship (LSM), Expeditionary Fast Transport (T-EPF Class), Expeditionary Sea Base (ESB 3 Class), Replenishment Oiler (T-AO 205 Class), Ocean Surveillance Ship Replacement (T-AGOS(X)), Navy Cable Ship Replacement (T-ARC(X)), Salvage and Rescue Ship Replacement (T-ATS(X)), USCG National Security Cutter (NSC), USCG Offshore Patrol Cutter (OPC), USCG Polar Security Cutter (PSC), and AEGIS Ashore sites at Poland, Romania, and Guam.

LEADERSHIP TEAM:



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NEW SHIP CONSTRUCTION:

The goal of the New Ship Construction Team is Platform Integration – the process to design, implement, test, train, acquire, integrate, deploy and sustain the most effective and affordable capabilities our Warfighters need to accomplish their mission. Platform Integration builds, integrates, tests and maintains fully integrated C4I fielding plans through the Future Years Defense Program, liaise with the Fleet and TYCOMs to ensure requirements are met, and manage platform baselines.

MODERNIZATION:

The Fleet Modernization Team interfaces with Fleet TYCOMs, PEO IWS, and Product PMWs to plan, assess maturity, integrate, and certify C4I Capability Builds for ~165 in-service ships. The Modernization Division and Advance Planners validate technical, logistical, and installation design and readiness for all assigned ships, and prepare alteration packages for hand off to the Fleet Readiness Directorate (FRD) for installation execution.

MEETING THE FUTURE NEEDS OF THE WARFIGHTER:

The Unmanned Surface Vessels (USVs) will serve a crucial role in the Future Surface Combatant Force of the Navy. USV prototypes began with Office of Naval Research (ONR) developed Sea Hunter and Sea Hawk. The follow-on prototype Overlord USVs were developed under the Strategic Capabilities Office (SCO) in coordination with PEO USC, leading to the Navy procurement of two additional OUSVs and an MUSV. To date, PMW 760 has worked in partnership with NIWC PAC and the Product PMWs to procure and delivery C4I capabilities to support the three Navy procured prototype USVs. In FY22 and beyond, PMW 760 is leading the effort to provide unmanned C4I program of record systems in support of future Medium USVs. With support from Product PMWs, requirements are being defined to create unmanned variants of C4I systems. These systems will empower USVs to support the Naval Operational Architecture and enable manned/unmanned teaming in the fleet.



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