



# PMW 760

## Ship Integration Program Office

### WHO WE ARE

The Ship Integration Program Office plans for 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.

### FY 23-24 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.



### Background

On October 1, 1997, SPAWAR HQ was officially stood up in San Diego. The organization originally chartered within SPAWAR to deliver C4I capabilities to New Construction ships was SPAWAR 05F, which focused only on New Construction DDG 51 Class ships at the time. A short time later, the SPAWAR 054 organization would be formed and take on responsibilities to also coordinate the delivery of integrated C4I capabilities to New Construction LPDs, LHDs, CVNs, and CVNs undergoing Refueling Complex Overhaul (RCOH). SPAWAR 054 would continue in this role until the standup of PEO C4I in 2004, where the Ship Construction (SC) code within PEO C4I provided continuity for New Ship Construction. Finally, in August of 2005, after a major reorganization within PEO C4I, the SC code was split up into PMW 750 and PMW 760. This is when the Ship Integration Program Office (PMW 760) was officially created.

### 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

The goal of the New Ship Construction 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. The primary responsibility of Platform Integration is to build and maintain 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

Fleet Modernization 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.

## Notable Programs Supported

Ship Construction programs that PMW 760 supports include the Large Unmanned Surface Vessel (LUSV), 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 and Romania.

## Meeting the Future Needs of the Warfighter

The Unmanned Surface Vessels (USVs) will serve a crucial role in the Future Surface Combatant Force (FSCF) of the Navy. USV prototypes began with Office of Naval Research (ONR) developed Sea Hunter and Sea Hawk. The follow-on prototype Overlord USVs (OUSVs) 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 and Large USVs. With support from Product PMWs, requirements are being defined to create unmanned variants of C4I systems. These systems will empower MUSV and LUSV to support the Naval Operational Architecture and enable manned/unmanned teaming in the fleet.



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