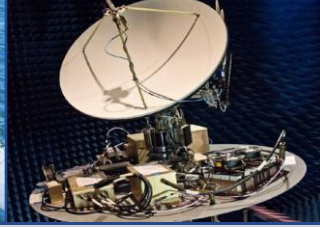
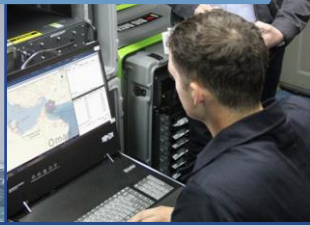




PMW 120

BATTLESPACE AWARENESS & INFORMATION OPERATIONS PROGRAM OFFICE

FLAGSHIP PROGRAMS



PMW 120 delivers an integrated portfolio of battlespace awareness and Information Warfare capabilities that enable the Fleet to assess the battlespace and make better decisions faster.

SSEE FoS

Ship's Signal
Exploitation Equipment
Family of Systems

The SSEE Family of Systems (FoS) is the Navy's surface cryptologic capability that searches for, identifies, locates, exploits, denies, and degrades adversary communications

SSEE Increment E and Increment F

- Automates signal acquisition, direction finding, and target identification and geolocation; delivers indications and warnings for ship/strike groups; feeds National consumers

SSEE Modifications

- Advanced antennas and signal processing increase frequency coverage to improve threat signal acquisition
- Next generation Information Warfare weapons system improves automation, operability, intuitiveness, and performance for advanced signals tasking, acquisition, collection, processing, dissemination, and exploitation

Spectral

Horizon

Embodiments the Information and Cryptologic Warfare domains by delivering advanced warfighting capabilities and functionality through a distributed, netted sensor framework

DCGS-N FoS

Distributed Common
Ground System-Navy
Family of Systems

The DCGS-N FoS provides the Navy's flagship Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T) support capability

DCGS-N Increment 1

- Consolidates intelligence analytical tools and broader FoS intelligence products onto an integrated computing environment; supports full-spectrum military operations

DCGS-N Increment 2

- Robust, cross-domain data fusion and automated analytics and workflows bridge Naval operational sensors and platforms with the Naval / Joint / Intelligence Community (IC) Enterprises

Intelligence Carry-On Program

- Extends the ISR Enterprise and DCGS-N FoS capabilities to unit-level forces and the Joint IC

NITES-Next

Naval Integrated Tactical
Environmental System
Next Generation

NITES-Next implements METOC as a Service which provides warfare commanders in-situ authoritative environmental data significantly improving decision making capabilities for the fleet.

- Suite of tools and tactical decision aids on-site meteorologists and oceanographers use to develop forecasts and predict impact to the electromagnetic-spectrum propagation and Naval operations
- Processing, exploitation, and dissemination software tool accesses meteorology and oceanographic data and global information produced by military information centers

LBS-UUV FoS

Littoral Battlespace Sensing -
Unmanned Undersea Vehicles

The LBS-UUV FoS enables undersea dominance in support of anti-submarine warfare, mine countermeasures, and special operations

LBS-Glider

- Buoyancy-driven vehicles sense ocean thermal and visible light transmission properties critical to weapon and sensor performance, planning, and execution

LBS-Autonomous Undersea Vehicle

- Collects bathymetric and bottom imagery to provide battlespace awareness of the undersea environment; expands sensing capabilities in contested areas to ensure access and reduce risk in Fleet operations

HWDDC

Hazardous Weather Detection
and Display Capability

Extracts and converts data from air surveillance radars to generate real-time atmospheric information that directly influences ship and aircraft maneuverability decisions

EMW IF

Electromagnetic Maneuver
Warfare Integrated Fires

EMW and IF capabilities integrate real-time counter C5ISR and targeting (C-C5ISR-T) and intelligence into combat weapons systems to leverage non-kinetic effects and enable Over The Horizon Targeting (OTH-T)