Program Executive Office
Command, Control, Communications,
Computers, Intelligence and Space
Systems (PEO C4I and Space Systems)

Battlespace Awareness and Information
Operations Program Office (PMW 120)

PMW 120 Overview

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*Deliver threat-based C4I and space capabilities to enable
the fleet to compete, deter and win — tonight*

Battlespace Awareness and Information Operations

VISION

Provide quality Information Warfare capabilities to the Warfighter for a decisive operational advantage

Deliver assured intelligence, meteorology, oceanography, and information operations data, products, and services that provide Information Warfare capabilities to the Fleet

MISSION

IO | **Information Operations**

ISR | **Intelligence, Surveillance, & Reconnaissance**

METOC | **Meteorology & Oceanography**

Agile • Integrated • Vital

PMW 120 Acquisition Programs

Information Operations (IO)

IO tactical cryptologic capabilities fuse and exploit Radio Frequency (RF) signals intelligence at sea, enabling Electromagnetic Maneuver Warfare (EMW) and Electronic Attack to protect the ships' force

• CCOP	• SSEE Increment E	• Spectral
• DO	• SSEE Increment F	• RTSO
• ICADS	• SSEE Modifications	• Horizon

Intelligence, Surveillance, & Reconnaissance (ISR)

ISR capabilities support data sharing and connect Naval operational sensors and platforms to Intelligence Community, Joint, and Naval Enterprises. Expanded surveillance enables ballistic missile defense, enhances maritime safety, and improves the Fleet's ability to understand and predict adversary actions

• DCGS-N Increment 1	• ICOP	• MIBS (JTT)
• DCGS-N Increment 2	• ICOP SRF	• MDA
• AIS	• RSCD	

Meteorology & Oceanography (METOC)

METOC capabilities measure, sense, assess, and exploit the current and predicted states of the physical environment to produce relevant operational information for Warfighters

• HWDDC	• NITES-Next	• TET
• LBS UUV	• METMF(R) NEXGEN	• SASC

PMW 120 Overview

Deliver assured intelligence, meteorology, oceanography, and information operations data, products, and services that provide Information Warfare capabilities to the Fleet.
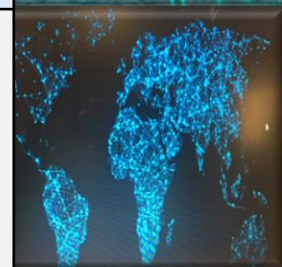
Information Operation (IO)	Provide timely, relevant, and integrated National and Tactical Radio Frequency signals intelligence information and services enabling IW / EW and Electronic Attack to protect Fleet forces ***CCOP, DO, ICADS, Spectral, SSEE, Horizon, RTSO***	
Intelligence, Surveillance, and Reconnaissance (ISR)	Provide decision makers improved situational awareness of the battlespace - on the ground, in the air, and at sea - through integrated acquisition, processing, and dissemination of accurate, relevant, and timely intelligence data ***AIS, DCGS-N, ICOP, MDA, MIBS/JTT, RSCD***	
Capability Integration / Meteorology and Oceanography (CI/METOC)	Measure, sense, assess, and exploit the current and predicted states of the physical environment to produce relevant operational information for informing EMW and the strategic Triad's SSBNs ***HWDDC, LBS-UUV, METMF (R) NEXGEN, NITES-Next, TET, SASC***	
Integrated Fires (IF) and Family of Systems (FoS)	IF capabilities integrate real-time Counter C5ISR and Targeting (C-C5ISRT) and intelligence into combat and weapons systems and FoS integration enables more effective over the horizon targeting (OTH-T) for kinetic and non-kinetic warfare	

ISR Capabilities

Distributed Common Ground System – Navy (DCGS-N) Increment 2

- Robust cross-domain data fusion with automated analytics and workflows improve threat detection
- Bridges Naval operational sensors with IC/Joint/Naval Enterprises
- Expedites the Tasking, Collections, Processing, Exploitation, and Dissemination (TCPED) process

Maritime Patterns of Life (Big Data)

Automated Workflows and Analytics

Intelligence Carry On Program (ICOP)

- Extends ISR Enterprise and DCGS-N FoS capabilities to unit-level forces and the Joint IC
- Portable workstation receives, processes, exploits, and disseminates multi-intelligence data from airborne and organic sensors; integrates a 3-D ISR picture of the battlespace
- Provides data to Joint IC without burdening limited bandwidth information systems
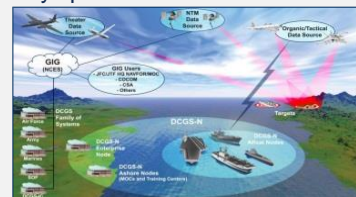- Responds to multiple Fleet requirements (C5F/C3F UONs)

Robust, portable intelligence system

Enhances Warfighter's Common Operational Picture

Distributed Common Ground System – Navy (DCGS-N) Increment 1

- Consolidates geospatial, human, imagery, & signals intelligence analytical tools and broader FoS intelligence products into a single, integrated display
- Web-enabled common intelligence picture facilitates analysis and exploitation
- The Analyst Workshop is a full-service framework that enables rapid, comprehensive intelligence support across full-spectrum military operations

Joint Tactical Terminal – Maritime (JTT-M)

- Provides surface platforms with over-the-air, near-real-time lethal threat intelligence
- Integrated broadcast terminals transmit National & theater data, enabling units to collect intelligence, specifically indications and warnings of high-priority events
- Ship commanders have accurate and timely situational awareness

JTT-SR integrated into AN/USQ-151

Remote Sensing Capability Development (RSCD)

- Provides enhanced remote sensing capability to discriminate oceanographic phenomenon from the natural environment
- Automated tools for tasking, analysis and dissemination of data
- Leverages sensor investments from Intelligence Community

Automatic Identification System (AIS)

- Collects and fuses open source data broadcast from commercial shipping vessels with ISR data
- Supports navigation safety and maritime security
- Provides over-the-horizon views
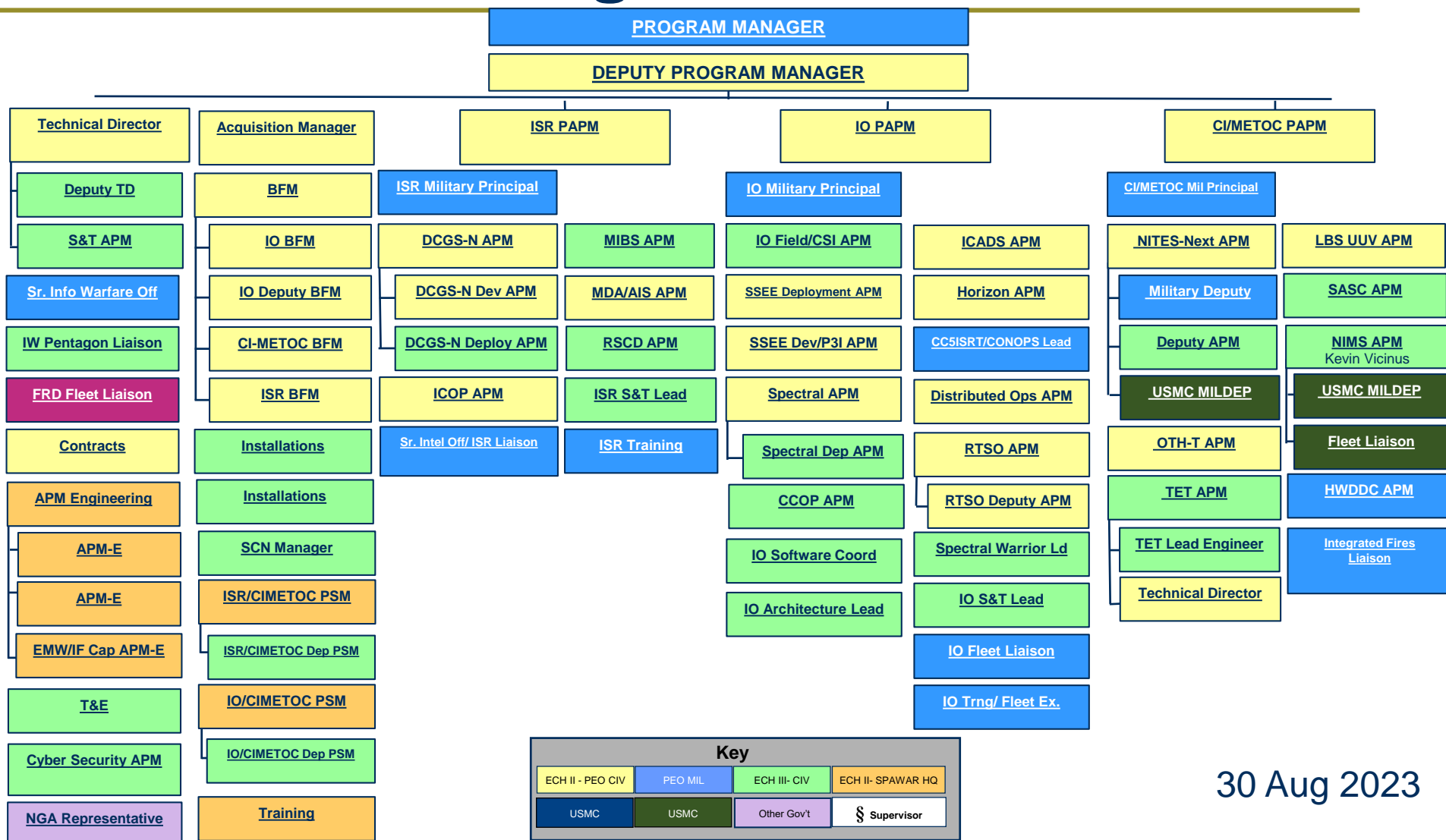
Improved Vessel Tracking

Maritime Domain Awareness (MDA)

- The Navy MDA program consists of THRESHER and SeaVision
- THRESHER provides the authoritative national maritime track feed (TMTS)
- THRESHER is the first step in the Over-The-Horizon Targeting (OTH-T) workflow
- SeaVision is the Navy's primary unclassified MDA information sharing tool

PMW 120 Organizational Chart

30 Aug 2023

PROGRAM MANAGER

DEPUTY PROGRAM MANAGER

Technical Director	Acquisition Manager	ISR PAPM		IO PAPM		CI/METOC PAPM	
Deputy TD	BFM	ISR Military Principal		IO Military Principal		CI/METOC Mil Principal	
S&T APM	IO BFM	DCGS-N APM	MIBS APM	IO Field/CSI APM	ICADS APM	NITES-Next APM	LBS UUV APM
Sr. Info Warfare Off	IO Deputy BFM	DCGS-N Dev APM	MDA/AIS APM	SSEE Deployment APM	Horizon APM	Military Deputy	SASC APM
IW Pentagon Liaison	CI-METOC BFM	DCGS-N Deploy APM	RSCD APM	SSEE Dev/P3I APM	CC5ISRT/CONOPS Lead	Deputy APM	NIMS APM / Kevin Vicinus
FRD Fleet Liaison	ISR BFM	ICOP APM	ISR S&T Lead	Spectral APM	Distributed Ops APM	USMC MILDEP	USMC MILDEP
Contracts	Installations	Sr. Intel Off/ ISR Liaison	ISR Training	Spectral Dep APM	RTSO APM	OTH-T APM	Fleet Liaison
APM Engineering	Installations			CCOP APM	RTSO Deputy APM	TET APM	HWDDC APM
APM-E	SCN Manager			IO Software Coord	Spectral Warrior Ld	TET Lead Engineer	Integrated Fires Liaison
APM-E	ISR/CIMETOC PSM			IO Architecture Lead	IO S&T Lead	Technical Director	
EMW/IF Cap APM-E	ISR/CIMETOC Dep PSM				IO Fleet Liaison		
T&E	IO/CIMETOC PSM				IO Trng/ Fleet Ex.		
Cyber Security APM	IO/CIMETOC Dep PSM						
NGA Representative	Training						

Key

ECH II - PEO CIV	PEO MIL	ECH III- CIV	ECH II- SPAWAR HQ
USMC	USMC	Other Gov't	§ Supervisor

Accelerated delivery of required capability that is affordable, integrated and interoperable