



MEDICAL BIOMEDICAL BIODEFENSE *Symposium*



SUPPORT TO AMERICA'S WARFIGHTERS AND VETERANS

SEPTEMBER 23-24, 2026

CHAPEL HILL, NORTH CAROLINA



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BUSINESS OPPORTUNITIES IN OPERATIONAL & MEDICAL LOGISTICS WITH MILITARY SERVICE MEDICAL COMMANDS

- Moderator: **Fran Perez-Wilhite**, Regional Program Manager (Charlotte Metro), North Carolina Military Business Center
- Commander Kibwe Hampden, N4 Support and Logistics, Deputy Chief of Staff, Naval Medical Forces Atlantic
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NAVSEA PMS 408 Expeditionary Medical (ExMed) Family of Systems (FoS)



**Program Brief:
ExMed FoS Program**

Date: 23-24 SEP 2026



Program Management Office Summary



PMS 408 ExMed Program Office is tasked to provide **acquisition management, procurement, fielding, modernization, and life-cycle management** of platforms that will deliver more agile capabilities across the spectrum of Navy, Marine Corps, and Joint operations to deliver improved capability to support Distributed Maritime Operations (DMO), Expeditionary Advanced Base Operations (EABO), and the Joint Warfighting Concept

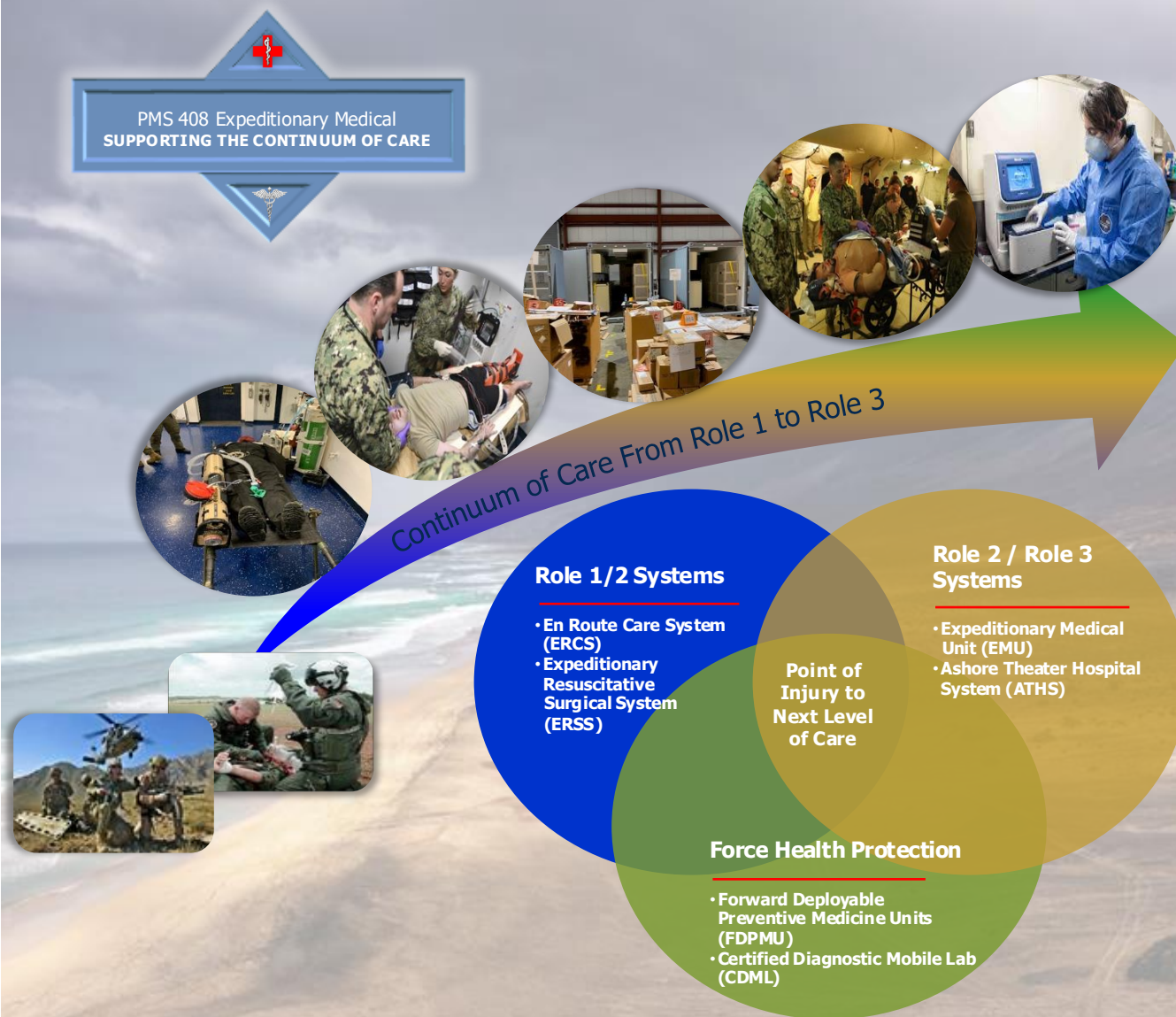
Expeditionary Medical (ExMed) Family of Systems (FoS) include:

1) Health Service Support (HSS)

- En Route Care System (ERCS) (Role 1)
- Expeditionary Resuscitative Surgical System (ERSS) (Role 2)
- Expeditionary Medical Unit (EMU) (Role 2)
- Ashore Theater Hospitalization System (ATHS) (Role 3)

2) Force Health Protection (FHP)

- Forward Deployable Preventive Medicine Unit (FDPMU)
- Certified Diagnostic Mobile Lab (CDML)



Focus Areas

Procurement and Fielding:

- Executing UONs procurements as resourcing allows (EMU, ERCS, ERSS, CDML)

ExMed Forward Sustainment:

- Working with BUMED on developing the future ExMed posture and sustainment strategy

Requirements Development:

- Capability Development Document (CDD) in routing for validation
- Top Level Requirements approved for UONs capabilities

Major Capability Acquisition:

- Establishing ExMed as a major capability acquisition program of record at Milestone C

Test and Evaluation:

- Verification and validation of platforms
- Identify gaps between legacy UONs and CDD requirements

Leveraging Joint Solutions:

- Improve Interoperability, Sustainability, and Maintainability

Building Relationships:

- Engagements across the joint force to inform/shape future capabilities

Role 1

En Route Care System (ERCS)

- Core capability for patient movement to the next level of care

Role 2

Expeditionary Resuscitative Surgical System (ERSS)

- Conducts Damage Control Resuscitative Care / Surgery (DCR/DCS)

Expeditionary Medical Unit (EMU)

- Lighter, more transportable module of the EMF (roll-on/roll-off capable)
- Supporting PMS 385 in EPF Flight II / EMS - EMU procurements
- EMU C4IT** - mobile comms & IT for continuous health care delivery (HCD), patient movement (PM), medical C2 (MEDC2), & medical logistics (MEDLOG) in theater.

Role 3

Ashore Theater Hospital System (ATHS)

- Future system
- Supports DMO, EABO, and the joint warfighting concept with agile, modular, and scalable med capabilities

Preventative Medicine (PREVMED)

Forward Deployable Preventative Medicine Unit (FDPMU)

- Rapid assess & ID of health hazards
- Flexible and sustainable Force Health Protection

Certified Diagnostic Mobile Lab (CDML)

- Able to support diagnostic support to pandemic and outbreak response
- Linked to CDC Laboratory Response Network



ERCS



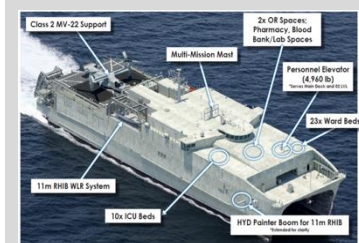
ERSS



ATHS



EMU



C4IT



CDML



FDPMU



PMS 408 Modernization Efforts

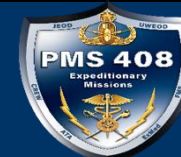


Solicitations (Past through MTEC)

- 25-02-ExMed "Development of an Expeditionary Medical (EXMED) Mobile Command, Control, Communications, and Computers IT (C4IT) Solution for Integration into Expeditionary Fast Transport (T-EPF) Flight II" (<https://mtec-sc.org/solicitations/development-of-an-expeditionary-medical-exmed-mobile-command-control-communications-and-computers-it-c4it-solution-for-integration-into-expeditionary-fast-transport-t-epf-flight-ii>)
- 25-06-ExMedModernize "Modernization of Expeditionary Medicine (EXMED) Warfighter Prototypes" (<https://mtec-sc.org/solicitations/25-06-ExMedModernize>)

FY27+ Modernization of All ExMed FoS

- On-Demand Sterile Saline Solution in Contested Logistics Environment (CSI funded FY26-28; WHS BOTA)
- ERCS: Integrated ventilator, oxygen concentration and delivery, patient monitoring, suction, infusion, and power management components.
- ERSS: Surgical modules, operating tables, anesthesia systems, patient monitors, ventilators, imaging, blood products, blood storage and warming, portable surgical tool sterilization, and power management components, low SWaP blood product freezer/fridge.
- FDPMU / CDML: Integration of state-of-the-art, highly expeditionary C4/cybersecurity systems, cold chain management, imaging equipment, Base Operating Support (BOS) equipment (including cold weather protection), rolling stock, field analyzers, portable spectrometer, and biosafety cabinets and other infection control mechanisms.
- EMU: surgical tool sterilization, anesthesia systems, patient monitors, C4/cybersecurity systems, blood products.



Disclaimer: *The views expressed in this presentation are those of the author and do not necessarily reflect the official policy or position of the Department of the Navy, Department of Defense, nor the U.S. Government.*

Questions?

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