



PM Marine Air-Ground Task Force Command and Control (MAGTF C2)

Overview

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IT'S ALL ABOUT THE WARFIGHTER



PM MAGTF C2 PORTFOLIO OVERVIEW

Four Teams Pressing Forward:

- 202.1 Common Aviation Command and Control System (CAC2S)
- 202.2 Air Battle Management and Sensor Netting (ABM&SN)
- 202.3 Ground Command and Control Systems (GC2S)
- 202.4 Extensible MAGTF Command and Control (EMC2)

Focus Areas:

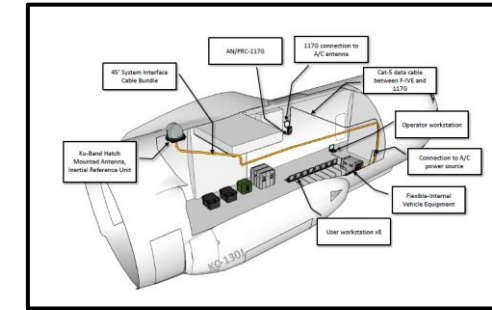
- Tech Refresh/Modernization
- TBMCS Replacement (TBMCS-R)
- On-the-move multi-band / multi-orbit satellite communications

Challenges:

- Resources
- Vehicle SWaP constraints
- Operator Complexity
- Supply chain constraints

Opportunities:

- Modernization and Sustainment



Operational Facility (OPFAC)



Aviation Command & Control System (AC2S)





PM MAGTF C2: AREAS WHERE INDUSTRY CAN HELP

▶ **PdM CAC2S**

- Tactical Data Link (TDL) Management Tool (Joint Interface Control Officer (JICO) Admin Tool & Operational Support Systems).
- Form, Fit, Function 788 Shelter that fits on a JLTV and meets Height and Width dimensions for loading on a C-130.

▶ **PdM GC2S**

- Secure Wireless Solutions:
 - ❖ Commercial Solutions for Classified (CSfC)
 - Multi-site and tactical architectures.
 - NSA approved architectures and equipment.
 - ❖ Light Fidelity (LiFi).
- Cross Domain Solutions: Transfer and access.
- Tactical Hardware:
 - ❖ Size, Weight, and Power (SWaP) reduction.
 - ❖ Open architecture solutions.
- Application Hosting and Development: Containerization and Virtual Machines.
- Common Operational Picture (COP) and Common Tactical Picture (CTP) capabilities.

▶ **PdM ABM&SN**

- Expeditionary Advanced Base Operations (EABO) focus
- Integrated Air and Missile Defense (IAMD)
- Artificial Intelligence (AI)/Machine Learning (ML)
- Advanced Battle Management Aides (ABMAs)
- Multi-Domain Integration/Joint All Domain Command and Control (JADC2)
- Artificial Intelligence (AI) used to assist with creating Air Battle Plans (ABP)
- Maximized mission to aircraft tasking
- Maximized Airspace Control Orders (ACO)

▶ **PdM EMC2**

- Secure Wireless
- Commercial Solutions for Classified (CSfC)
- Cross Domain Solutions
- Multi-band/Multi-orbit SATCOM
- 5G capability
- LPI/LPD/LPP/AJ mobile platform comm solutions
- SWaP reduction for major NOTM components
- Modular capability/mission kits with quick transitions
- Modular Open Systems Architecture
- Optical Transmission Technology
- Software Defined Wide Area Networking in Tactical, disparate environment
- Power Solutions



PM MAGTF C2 OPPORTUNITIES

Title	Planned RFP
TACTICAL HARDWARE MODERNIZATION & SUSTAINMENT	1Q FY25
TACTICAL DATA LINK MANAGEMENT TOOL	2Q FY25
CAC2S, CAC2S AFLOAT, TRAINING SUPPORT	3Q FY25
MAGTF C2 SOLUTION	TBD
MB/MO SATCOM for NOTM GCV	RFI 2QFY24 RFP 1QFY26
MB/MO SATCOM for NOTM-A	RFI 1QFY25 RFP 1QFY26