



## **MARINE CORPS SYSTEMS COMMAND**

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Program Manager

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# **WARGAMING CAPABILITY (WGC) PROGRAM OVERVIEW**

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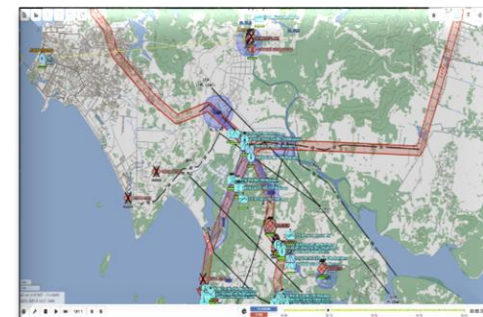


# PM WGC PROGRAM OVERVIEW

- Neller Center is a state-of-the-art facility with advanced technologies providing significant enhancement for the Marine Corps' wargaming capability.
- Use Cases:
  - Concept Development, Capability Development, Operational Decisions and Plans, Senior Leader Engagement, Training and Education, and S&T
- Capability Highlights:
  - Wargaming at multiple classification levels
  - Defendable analytical findings
  - Enhanced modeling and simulation
  - Complex problem and decision analysis
  - Cross Domain Solution
- Activities & Stakeholders Supported:
  - Joint wargames with Coalition partners
  - Integrated analysis with MCWL Wargaming Division, Science & Technology, Experimentation, and Operational Analysis Directorate
  - Service-level decision support in partnership with ONR, DoD lab centers, industry, and academia.



General Robert B. Neller Center for Wargaming and Analysis



PIONEER Wargaming Software



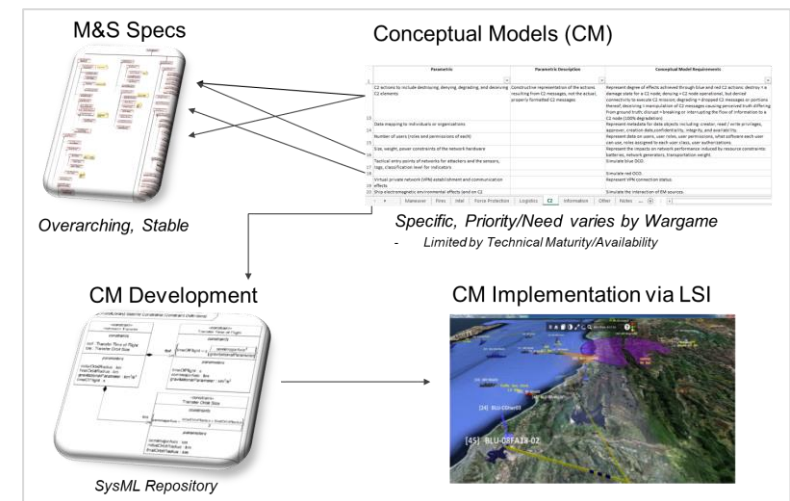
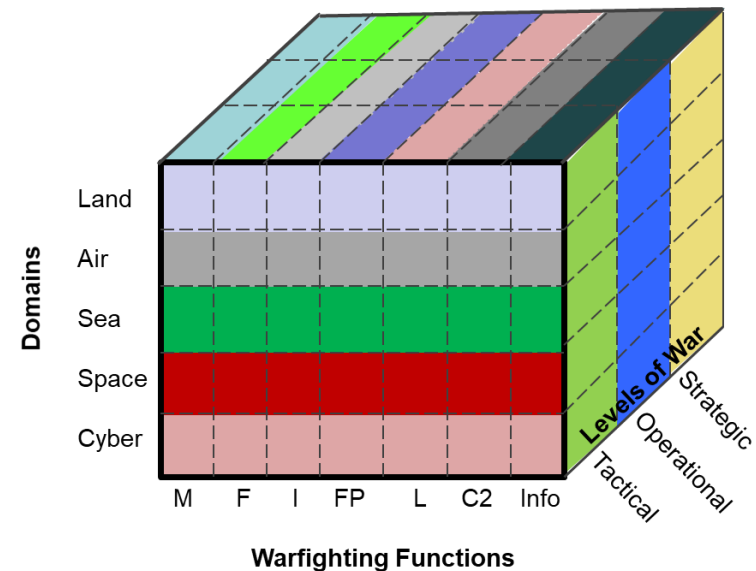
Two-story 100,446 sq.ft SAPF

• AAO: 1      • IOC: FY26      • FOC: FY28



# PM WGC: AREAS WHERE INDUSTRY CAN HELP

- **Conceptual Model Requirements (CMRs)**
  - Provide the overall M&S scope of what MCWAC is envisioned to be able to handle.
  - Span the warfighting domains, warfighting functions, and levels of war.
  - Determine the “input dials” and output metrics, along with corresponding algorithms to connect inputs to outputs.
  - Examples (2 out of 456 total)
    - Easy: Calculate changes in direction, altitude, and velocity of air entities.
    - Hard: Simulate changes to daily civilian location based on anomalous circumstances.
  - Each CMR...
    - Implies its own set of required data sources.
    - Must stand up to potential external technical scrutiny.
- **Identify adjacent services and/or industry partners to acquire Conceptual Models.**





# PM WGC OPPORTUNITIES

## Current efforts (success)

Title	Dates
Small Business Innovation Research (SBIR) Phase 1 and Phase 2 efforts: Develop conceptual models for civilian pattern of life and medical echelon of care.	FY24-25

## Future opportunities

Title	Planned RFP
Neller Center Contractor Support Services (Classified Contract)	3QFY24
Conceptual Model RFI	4QFY24
PM WGC recompetete for program office contractor support services	3QFY25



# EQUIPPING OUR



# MARINES