



DEPARTMENT OF THE NAVY  
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MARINE CORPS ORDER 5200.28A

From: Commandant of the Marine Corps  
To: Distribution List

Subj: MARINE CORPS MODELING AND SIMULATION (M&S) MANAGEMENT

Ref: (a) DOD Directive 5000.59, "DoD Modeling and Simulation (M&S) Management," August 8, 2007  
(b) DoD I 5000.70, "Management of DoD Modeling and Simulation (M&S) Activities," May 10, 2012  
(c) SECNAVINST 5200.38A  
(d) DOD Instruction 5000.61, "DoD Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A)," December 9, 2009  
(e) SECNAVINST 5200.40  
(f) MCO 5230.21  
(g) SECNAV M-5210.1  
(h) 5 U.S.C. 552a  
(i) SECNAV M-5211.5E

1. Situation. To provide policy and procedural guidance for Marine Corps Modeling and Simulation (M&S) Management, per references (a) through (g). This Order directs the establishment of an organizational structure to provide central oversight and promote collaboration and effectiveness of Marine Corps M&S.

2. Cancellation. MCO 5200.28.

3. Mission. Establishes the role of the Marine Corps M&S Management Office (MCMSMO) in providing oversight and coordination of M&S responsibilities and relationships throughout the Marine Corps.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. Marine Corps M&S management shall have four communities -- acquisition, analysis, experimentation and training. These four communities align with Navy M&S management and enable the Marine Corps and Navy to coordinate our M&S efforts. Each community lead shall be responsible for coordinating M&S activities of their domain across established warfighting functions. The MCMSMO will be the overall Marine Corps M&S lead who shall coordinate M&S across all the Marine Corps M&S communities and serve as the Marine Corps point of contact on all M&S matters to include coordination with other service and Department of Defense (DoD) M&S organizations. MCMSMO will be supported by a United States Marine Corps M&S Integrated Process Team (IPT) that will work to promote interoperability, commonality, and reuse of Marine Corps M&S tools, data, and services. The IPT will be formed from the Marine Corps M&S community leads, as defined below, who shall manage M&S in their community.

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(2) Concept of Operations

(a) The Deputy Commandant for Combat Development and Integration (DC, CD&I) shall be the overall Marine Corps lead for Marine Corps M&S. DC, CD&I can delegate this responsibility to a general officer (GO) or senior executive service (SES) civilian. CD&I, or the delegated lead, will provide oversight of the MCMSMO. In addition, the Marine Corps M&S Lead will work with the following Marine Corps M&S communities to leverage activities across the Marine Corps:

1. The Commanding General, Marine Corps Systems Command shall be the community lead for acquisition M&S.

2. The Director, Analysis Directorate, Marine Corps Combat Development Command (MCCDC) shall be the community lead for analysis M&S.

3. The Commanding General, Training and Education Command shall be the community lead for training M&S.

4. The Commanding General, Marine Corps Warfighting Laboratory shall be the community lead for experimentation M&S.

(b) All Marine Corps organizations utilizing M&S are permitted to participate in the IPT.

1. Community leads meet as necessary for IPT business. IPT actions are based upon consensus and/or majority vote when necessary.

2. Upon request, matters requiring M&S attention or action for non-community lead organizations will be presented by appropriate representative with majority IPT recommendation/rationale along with minority IPT participant positions to the Marine Corps M&S lead for adjudication.

b. Subordinate Element Missions(1) Marine Corps M&S Lead

(a) Serve as the senior Marine Corps representative for DoD, Joint, and Navy M&S flag level M&S forums.

(b) Act as the advocate for Marine Corps M&S.

(c) Assign a representative for the DoD M&S IPT. Who shall also:

1. Lead the MCMSMO.

2. Head the Marine Corps M&S IPT.

3. Act as the 8825 occupational field manager, overseeing the education and assignment of personnel within the 8825 M&S Officer military occupational specialty (MOS) personnel. Select and provide guidance to 8825 MOS Specialist for the assignment of Marines to current billets and work with all the M&S communities for recommendations of new 8825 billets. Conduct curriculum reviews of M&S education programs to ensure they remain current with the needs of Marine Corps M&S officers.

4. Represent the Marine Corps in M&S cross community efforts including M&S tools, data, standards, and services. This includes acting as

Marine Corps representative to DoD M&S working groups, M&S standards bodies, Navy M&S Office (NMSO) working groups, and Naval Postgraduate School M&S forums.

5. Lead effort to develop and implement a Marine Corps M&S enterprise strategy that identifies service level M&S vision as well as goals and objectives that apply across Marine Corps M&S.

6. Ensure Marine Corps M&S systems and applications are accurately reported in appropriate registries.

(2) Community Leads for Marine Corps M&S Communities

(a) Assign a representative to the Marine Corps M&S IPT. This representative shall coordinate all M&S requirements across their respective community.

1. If a community is unable to establish consensus on an issue; the matter shall be addressed at the GO or SES level where appropriate.

2. Additionally as appropriate, assigned community lead representatives shall invite community representatives outside their chain of command to participate in IPT business to ensure their organization's interests and equities are best represented.

(b) Participate in the development and implementation of the Marine Corps M&S enterprise strategy. This includes providing oversight of actions that are assigned to their community.

(c) Represent the Marine Corps in their community in the Joint and DoD arenas.

(d) Work toward improving the interoperability, commonality, and reuse of Marine Corps M&S tools, data, and services.

c. Coordinating Instructions

(1) Marine Corps M&S IPT. Develop a charter to be approved by the Marine Corps M&S Lead. This charter shall direct that the IPT:

(a) Improves communication and collaboration among the USMC M&S activities and others. This includes attending on-site meetings as necessary to identify and prioritize emerging M&S requirements.

(b) Identifies cross-community Marine Corps M&S issues and works towards solutions.

(c) Recommends USMC organizations for inclusion in the USMC M&S IPT.

(d) Oversees development of common USMC M&S policy.

(2) Marine Corps M&S Enterprise Strategy. Shall include:

(a) Marine Corps M&S vision.

(b) Marine Corps strategic goals and objectives.

(3) M&S Standards

(a) Community leads, or their designated representatives, will use the standard processes designated by the MCMSMO.

(b) Community leads, or their designated representatives, will submit their data and tools to the M&S repository designated by MCMSMO.

(c) Verification, Validation & Accreditation (VV&A).

1. Community leads will comply with references (d) and (e) and any Marine Corps VV&A instructions which establish policy and procedures for the VV&A of all M&S and their associated input data within the Marine Corps.

2. Community leads will assign members to DoD VV&A working groups as required.

5. Administration and Logistics

a. Recommendations concerning the contents of this Order may be forwarded to MCCDC (MCMSMO) via the appropriate chain-of-command.

b. Pertinent information regarding the Marine Corps M&S management and the communities' M&S programs and activities shall be posted or linked to the official MCMSMO web page.

c. Records created as a result of this Order shall be managed according to National Archives and Records Administration approved dispositions per reference (g) to ensure proper maintenance, use, accessibility and preservation, regardless of format or medium.

d. The generation, collection or distribution of personally identifiable information and management of privacy sensitive information shall be in accordance with the Privacy Act of 1974, as amended, per references (h) and (i). Any unauthorized review, use, disclosure or distribution is prohibited.

6. Command and Signal

a. Command. This Order is applicable to the Marine Corps Total Force.

b. Signal. This Order is effective the date signed.



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