



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
3000 MARINE CORPS PENTAGON
WASHINGTON, DC 20350-3000

MCO 5200.28
C059
APR 03 2008

MARINE CORPS ORDER 5200.28

From: Commandant of the Marine Corps
To: Distribution List

Subj: MARINE CORPS MODELING & SIMULATION MANAGEMENT

Ref: (a) DODD 5000.59, "DOD Modeling & Simulation (M&S) Management," August 8, 2007
(b) SECNAVINST 5200.38A
(c) DODI 5000.61, "DOD Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A)," May 13, 2003
(d) SECNAVINST 5200.40

Report Required: Modeling and Simulation Resource Repository Data and Tools (Report Control Symbol EXEMPT), par. 3.c.(3)(b)

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

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

3. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. Marine Corps M&S Management shall align with six (6) communities as defined by the acquisition, analysis, experimentation, planning, testing and training portions of reference (a). 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

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited

coordination with other service and DOD M&S organizations. MCMSMO will be supported by a USMC 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

(2) Concept of Operations

(a) The Senior Analyst, Marine Corps Combat Development Command (MCCDC) shall be the overall Marine Corps lead for Marine Corps M&S. The Senior Analyst will provide oversight of the MCMSMO.

(b) The Commanding General Marine Corps Systems Command (MCSC) shall be the community lead for Acquisition M&S.

(c) The Director, Operations Analysis Division (OAD), MCCDC shall be the community lead for Analysis M&S.

(d) The Commanding General Marine Corps Warfighting Laboratory (MCWL) shall be the community lead for Experimentation M&S.

(e) The Director, Strategy and Plans Division (PL), Plans Policies and Operations Department (PP&O), Headquarters U.S. Marine Corps (HQMC) shall be the community lead for Planning M&S.

(f) The Director, Marine Corps Operational Test & Evaluation Activity (MCOTEA) shall be the community lead for Testing M&S.

(g) The Commanding General Training and Education Command (TECOM) shall be the community lead for Training M&S.

(h) Any Marine Corps organization not included in one of the six communities that utilizes M&S to support its mission may be added to the IPT through the M&S IPT charter.

b. Subordinate Element Missions

(1) The Marine Corps M&S lead shall:

(a) Serve as the senior representative for the DOD M&S Steering Committee (SC) and the Navy M&S Governance Board.

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

1. Lead MCMSMO.
2. Head the Marine Corps M&S IPT. Act as an advocate for the 8825 M&S Officer Military Occupational Specialty. Provide guidance to the 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.
3. Represent the Marine Corps in M&S Cross Community efforts including M&S tools, data, and services.
4. Lead the effort to develop and implement a Marine Corps M&S Master Plan that will outline Marine Corps M&S goals, objectives, and tasks required to close gaps in needed Marine Corps M&S requirements.

(2) Community leads for Marine Corps M&S communities shall:

(a) Assign a representative to the Marine Corps M&S IPT.

(b) Participate in the development and implementation of the Marine Corps M&S Master Plan. 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) Maximize 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 SC member. This charter shall direct that the IPT:

(a) Improves communication and coordination among the USMC M&S activities and others.

(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) The Marine Corps M&S Master Plan shall include:

(a) Community Vision.

(b) Marine Corps Goals and Objectives.

(c) Identify gaps in needed capability.

(d) Outline the tasks needing to be accomplished to provide required capability.

(e) Outline implementation plan on how gaps will be closed.

(3) M&S Standards

(a) Community leads, or their designated representatives, will participate in the Navy M&S Standards Steering Group (MS3G) and utilize the Navy Modeling and Simulation Office (NMSO) Standards Nomination, Evaluation, Advocacy and Central Repository System (SNEACRS) as needed for their community.

(b) Modeling & Simulation Resource Repository. Community leads, or their designated representatives, will submit their data and tools to the NMSO Modeling and Simulation Resource Repository and keep information in the repository updated. This reporting requirement is exempt from reports control in accordance with SECNAV M-5214.1, Part IV, paragraph 7.1.

(c) Verification, Validation & Accreditation.

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

2. Community leads will assign members to the NMSO VV&A Technical Advisory Group (TAG).

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

5. Command and Signal

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

b. Signal

(1) This Order is effective immediately.

(2) Pertinent information regarding Marine Corps M&S Management and Community's M&S programs and activities shall be posted or linked to the Marine Corps web space at <https://www.usmc.mil/mcmsmo>.



JAMES F. AMOS
Deputy Commandant for
Combat Development and
Integration

DISTRIBUTION: PCN 10207461000