



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

MCO 4470.1  
LPD  
23 Oct 2007

MARINE CORPS ORDER 4470.1 W/CH 1

From: Commandant of the Marine Corps  
To: Distribution List

Subj: USMC MARINE AIR GROUND TASK FORCE (MAGTF) DEPLOYMENT AND DISTRIBUTION POLICY (MDDP)

Ref: (a) JCS Publication 1-02, "Department of Defense Dictionary of Military and Associated Terms", as amended thru 31 Jan 2011  
(b) JCS Publication 4-01.4, "Joint Tactics, Techniques, and Procedures for Joint Theater Distribution", August 22, 2000  
(c) NAVMC DIR 3000.18  
(d) MCO 4000.57  
(e) MCSCO 5100.29  
(f) MCWP 4-12  
(g) MCO 4000.58  
(h) DOD 4500.9-R, "Defense Transportation Regulation", Part II, Cargo Movement, June 2008

1. Situation. The purpose of this Order is to establish and publish the Marine Corps MAGTF Deployment and Distribution Policy (MDDP). Follow-on instructions outlining specific details regarding the execution of the MDDP will be provided via separate correspondence. References (a) and (b) define distribution as the operational process of synchronizing all elements of the logistic system to deliver "the right things to the right place at the right time" to support Combatant Commanders (CCDR). Distribution-related activities include force deployment, MARFOR and MAGTF sustainment, maneuver, mobility, and retrograde in support of the execution of CCDR operations plans, conceptual plans, and other operations and exercises. The MDDP is designed to standardize a deployment and distribution process that will provide for enhanced management of distribution capacity, control, and visibility of personnel, supplies, and equipment across the battlespace and in garrison. The MDDP must integrate with and support joint distribution processes and organizations, per reference (c). The ultimate goal is to provide the most effective and efficient throughput of supplies, equipment and personnel, feasibility estimates and modes/sources of distribution, requisitioning of supplies and equipment, and potential modes/sources of transportation to support strategic, operational and tactical mobility/movement.

2. Mission. This Order provides policy for the organization, management, and integration of the transportation and inventory, management and control related activities associated with the MAGTF deployment and distribution processes.

3. Execution.

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. To provide a MAGTF-level standard operating distribution capability. Key elements of the intent are:

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(a) Organize, train, equip, and assemble a focused and scaleable distribution capability following a standardized MAGTF distribution process utilizing all elements of the MAGTF.

(b) Define requirements, organization, and methodology to optimally support the warfighter throughout the entire logistics chain.

(c) Enable commanders to conduct rapid force closure, re-supply, reconstitution, and redeployment.

(d) Define, acquire, employ, and maintain Automated Information Systems (AIS) and Automatic Identification Technology (AIT) to provide the commander with distribution capacity management planning, execution, and visibility. This includes the MARFOR's ability to provide oversight within each system for all MAGTF distribution planning and execution efforts.

(e) Integrate the planning, organization, direction, and coordination of distribution activities across the MAGTF.

(f) Leverage operational-level distribution by coordinating distribution capabilities and requirements with theater distribution agencies.

(g) Provide distribution feasibility estimates that leverage strategic-level distribution capabilities supporting CCDR and/or Joint Force Commander.

(h) Establish a baseline requirement for distribution reporting.

(i) Integrate the MDDP AIS into the Common Operating Picture.

(2) Concept of Operations. The MDDP provides the framework to establish, manage, and integrate the tactical, operational, and strategic level distribution services associated with the movement and distribution of materiel, personnel, and services. The MDDP defines the distribution capabilities and processes that support the MAGTF while not hampering its inherent speed, flexibility, and agility. The MDDP will integrate the functions of transportation and inventory management (e.g. shipping, receiving, packaging, warehousing, embarkation, and movement) under a single distribution process owner for the MAGTF. There are eight elements comprising distribution capability within the MAGTF distribution process:

(a) Marine Forces Component Distribution Officer (MFCDO)  
Located within the MARFOR Component Command, the MFCDO coordinates with the CCDR'S respective Deployment and Distribution Operation Center (DDOC) and the MAGTF Distribution Officer (MDO) for all matters relating to the Marine Corps' distribution efforts within the Area of Responsibility to which assigned. Roles and responsibilities of the MFCDO are:

1. Act as the component-level Service point of contact to the CCDR DDOC and the adjacent/subordinate commands and agencies for all Marine Corps-related distribution efforts and issues.

2. Publish, manage, and enforce distribution policy and guidance.

3. Provide the CCDR DDOC with distribution feasibility estimates.

4. In accordance with (IAW) reference (c), serve as the distribution representative to all component level Deployment Operations Teams.

(b) MAGTF Distribution Officer (MDO). Located within the MAGTF Command Element, the MDO coordinates and directs integrated distribution planning and operations across the MAGTF. The MDO works in close coordination with the appropriate staff representatives to coordinate and direct MAGTF integrated distribution planning and operations. The roles and responsibilities of the MDO are:

1. The MDO is the overall Distribution Capacity Manager within the MAGTF and has the authority to source distribution resources and task transportation assets across the MAGTF and/or redirect in-transit assets that are best positioned to support the MAGTF's mission.

2. IAW published MARFOR Component business rules, provide distribution planning capability to the MFCDO, bridging subordinate MAGTF organizations, and respective MARFOR Component headquarters.

3. Conduct Logistics Chain Planning and integrate with worldwide supply chains and distribution networks, including sustainment level maintenance and strategic prepositioning stocks. IAW reference (d) and MARFOR component business rules, use Host Nation Support as required to conduct joint and multi-national integrated planning and execution.

4. Serve as the Officer in Charge of the MAGTF Deployment and Distribution Operations Center.

(c) MAGTF Deployment and Distribution Operations Center (MDDOC) Located within the MAGTF Command Element, the MDDOC assumes the responsibilities of the Force Movement Control Center (FMCC). The MDDOC will conduct integrated planning, provide guidance and direction, and coordinate and monitor transportation and inventory resources as they relate to management of the MAGTF's distribution process. The roles and responsibilities of the MDDOC are:

1. Coordinate and supervise the MAGTF deployment distribution process.

2. Coordinate strategic and operational level deployment distribution support with higher and adjacent agencies in support of the MAGTF IAW with reference (e).

3. Deconflict competing distribution priorities.

4. Coordinate and maintain asset visibility requirements and implementation throughout the distribution pipeline.

5. Maintain visibility of MAGTF distribution resources.

6. Coordinate and supervise distribution process training.

7. Develop and publish the Surface Tasking Order (STO) in order to direct and coordinate organic, commercial, and host nation surface movements.

8. Participate in the development of the Air Tasking Order (ATO) in order to coordinate the use of aviation distribution assets.

9. Establish highway priorities and movement control procedures per the MAGTF Commander's intent.

10. Monitor and oversee the cargo routing matrix and manage the Cargo Routing Information File and The Defense Automated Addressing System.

11. Serve as the MAGTF Level Air Clearance Authority (ACA) validator.

12. Serve as the MAGTF reception, staging, and onward movement and integration coordinator.

13. Establish and conduct Movement Control Boards (MCB).

14. Coordinate movement plans with the MAGTF Material Readiness Officer when required to increase battlefield effectiveness.

15. Coordinate and supervise deployment, materiel movement, retrograde, and redeployment operations.

16. Coordinate and monitor the use of inter- and intra-theater air, ground, and sealift.

17. Coordinate with the Supporting Establishment, adjacent, and higher headquarters for MAGTF distribution support.

18. Manage all distribution related AIT/AISs within the MAGTF.

(d) MAGTF Movement Control Center (MMCC). The MMCC, a standing organization and a subordinate element of the MDDOC, allocates, schedules, and coordinates ground transportation requirements based on the MAGTF Commander's priorities. At the MEF level, the MMCC replaces the Logistics and Movement Control Center (LMCC), and may require augmentation to execute movement command and control based on operational tempo. The MMCC supports the planning and execution of MAGTF movements and reports directly to the MDDOC. The MMCC coordinates all MAGTF ground movement scheduling, equipment augmentation, transportation requirements, material handling equipment, and other movement support. In addition, it coordinates activities with installation operations, support groups, and Unit Movement Control Centers (UMCC), and directs the efforts of Terminal Operations Organizations (TOO). The MMCC's roles and responsibilities are:

1. Serve as the MAGTF Transportation Capacity Manager (TCM).

2. Assist in the development and manage the execution of the STO.

3. Coordinate air movement distribution requirements with the MDDOC as required.

4. Coordinate with the MAGTF Inventory Capacity Manager to locate inventory points based on the MAGTF's transportation capability in order to facilitate distribution efforts throughout the logistics chain.

(e) Unit Movement Control Center (UMCC). UMCCs are established at Major Subordinate Commands (MSCs) and below, as required. UMCCs will serve as MSC, Major Subordinate Element, and smaller unit TCMs. The UMCC's roles and responsibilities are:

1. Ensure units are prepared for embarkation and coordinate the movement of forces.

2. Direct unit marshalling.

3. Coordinate movement assets.

4. Identify and coordinate with the next higher MCC for additional support requirements beyond organizational capabilities.

5. Deconflict competing movement requirements within the organization.

6. Comply with highway regulations and movement control standards as designated by higher authority.

(f) MAGTF Materiel Distribution Center (MMDC). The MMDC will be located in the Logistics Combat Element (LCE). The mission of the MMDC is to provide general shipping, receiving, and consolidated distribution and to maintain asset visibility to enhance throughput velocity and sustain operational tempo. The MMDC is considered a distribution agency. Roles and responsibilities of the MMDC are:

1. Establish and manage freight operations functions.

2. Synchronize strategic and operational sustainment distribution.

3. Maintain asset visibility for sustainment cargo.

4. Establish, coordinate, and control Distribution Liaison Cells (DLC).

5. Coordinate the receiving, shipping, and delivery of materiel to and from supported units.

6. Coordinate the shipment and retrograde of personal effects and baggage of medically evacuated, emergency leave, or other special category personnel.

7. Coordinate material transshipment to supported units.

8. Manage preservation, packaging, and packing (PP&P) operations.

9. Hazmat certification.

(g) Distribution Liaison Cells (DLC). DLCs are considered distribution elements and will be manned by the LCE. DLCs will be task organized and structured to perform various tasks to include but not limited to:

1. Shipping and receiving.
2. PP&P.
3. Hazmat certification.
4. Coordinate and expedite the movement of sustainment material.
5. Provide asset visibility for sustainment cargo.
6. Assist as required in the movement of personal effects and baggage.
7. Coordinate transshipment/manifesting of MAGTF inventories.

(h) Terminal Operations Organizations (TOO). TOOs are integral to the deployment and distribution system by providing support at strategic, operational, and tactical nodes. Examples of TOOs are Arrival/Departure Airfield Control Group (A/DACG), Port Operations Group (POG), Beach Operations Group (BOG), and Rail Operations Group (ROG). TOOs will be task organized, manned by the LCE and augmented by MSCs as required to perform the following tasks:

1. Establish support as designated by the MDDOC.
2. Execute priorities as designated by the MMCC.
3. Provide terminal operation support for various modes and sources of transportation.
4. Comply with higher headquarters reporting requirements.

b. Subordinate Element Missions

(1) Deputy Commandant for Installations and Logistics (DC I&L)

(a) Act as the Marine Corps agent for distribution management oversight and policy IAW current Department of Defense (DOD) directives and guidance.

(b) Establish and update Marine Corps distribution policy.

(c) Conduct an annual review of the MDDP to ensure compliance and validity.

(d) Receive, review, prioritize, and submit MDDP funding requirements to Deputy Commandant for Programs and Resources (DC P&R).

(e) Act as the MDDP Functional Manager to coordinate review of enabling technologies, requirements, and modifications.

(f) Ensure distribution policy conforms to and is interoperable with United States Transportation Command (USTRANSCOM), Joint Forces Command, Joint Staff, Office of the Secretary of Defense, Defense Logistics Agency, and other Service policies.

(g) Ensure that the Marine Corps is represented within the Joint Deployment and Distribution Enterprise.

(h) Plan and coordinate the strategic-level distribution pipeline for sustainment from external theater sources to in-theater ports of debarkation.

(i) Establish policy standards for the use of logistics AIS within the Marine Corps.

(2) Deputy Commandant for Plans, Policies, and Operations (DC PP&O). Support DC I&L efforts to establish and promulgate MDDP, as required.

(3) Deputy Commandant for Programs and Resources (DC P&R)

(a) Ensure Program Objective Memorandum (POM) approved resources are distributed to efficiently execute MDDP activities.

(b) Coordinate with Deputy Commandant for Combat Development and Integration to ensure MDDP funds are programmed to efficiently and economically support Marine Corps forces.

(4) Deputy Commandant for Combat Development and Integration (DC, CD&I)

(a) Develop and implement policies and procedures to facilitate the execution of this Order.

(b) Serve as the MARFOR's signatory authority pertaining to capabilities development.

(c) Provide support in the development and acquisition of required distribution capabilities that comply with this Order.

(d) Coordinate with DC I&L for the purpose of formulating POM funding requirements in support of distribution activities.

(e) Ensure the Total Force Structure Management System reflects the required personnel and equipment to support MDDC operations.

(5) Deputy Commandant for Aviation (DC AVN)

(a) Coordinate with DC I&L to advocate the use of MAGTF aviation assets to perform distribution.

(b) Ensure aviation-specific doctrine includes reference of aviation support to MAGTF distribution.

(6) Commanding General, Training and Education Command (CG TECOM)

(a) Ensure training programs are established which address MDDP functional areas.

(b) Replace the term LMCC with MMCC in all doctrinal publications.

(c) Replace the term FMCC with MDDOC in all doctrinal publications.

(7) Commanding General, Marine Corps Systems Command (CG MCSC)

(a) Develop and implement policies and procedures to facilitate the execution of this Order.

(b) Develop, execute, assess, and refine distribution support plans from initial support planning to disposal.

(c) Tailor maintenance strategies to satisfy MARFOR performance and cost objectives.

(d) Translate and refine MARFOR product support requirements into achievable and measurable weapon system cost and performance objectives.

(e) Implement a tailored configuration management program in which the Program Manager retains the authority and responsibility of configuration control.

(f) Conduct assessments to ensure Systems Operational Effectiveness thresholds and objectives are being satisfied.

(g) Maintain technical data allowing for real-time access for the purpose of assessing overall effectiveness of product support processes.

(h) Serve as the single point of contact to release safety of use and maintenance advisory messages per reference (e).

(i) Advise DC I&L prior to deadlining fleets of equipment.

(j) Coordinate with DoD Distribution Portfolio Manager (USTRANSCOM-J6) to ensure Marine Corps tactical level distribution systems comply with strategic and operational systems.

(k) Develop and conduct operational test and evaluation on new system logistics support plans to ensure compliance with performance requirements.

(8) Commanders, Marine Corps Forces

(a) Develop and implement policies and procedures to facilitate the execution of this Order.

(b) Provide standard operating procedures to direct unit efforts in support of the MDDP.

(c) Ensure accurate data entry into distribution related AIS/AIT.

(d) Provide to MCSC via DC I&L recommended changes or updates on distribution-related AIS/AIT programmatic maintenance and logistics support plans, throughout the systems total life cycle.

(e) Coordinate with DC I&L for the purpose of formulating POM funding requirements in support of distribution-related AIS/AIT maintenance activities.

(f) Coordinate and supervise the interface with Army theater distribution pipelines and nodes from ports of debarkation to the MAGTF.

(g) Evaluate subordinate force implementation and adherence to this Order within the command inspection program.

(h) Register the war reserve withdraw plan to meet the MAGTF Commander's unsourced requirements IAW with reference (f).

(9) Commanding General, Marine Corps Logistics Command (CG MCLC)

(a) Serve as the Marine Corps Distribution Process Owner (DPO), with DC I&L maintaining oversight and policy.

(b) Develop and implement policies and procedures to facilitate the execution of this Order.

(c) Plan, integrate, organize, and manage the Marine Corps-wide logistics chain per reference (g).

(d) Assist DC I&L in the execution of distribution policy oversight.

(e) Provide distribution support to the operating forces.

(f) Provide planning assistance to the operating forces and Headquarters Marine Corps.

(g) Plan and coordinate the operational-level distribution pipeline for sustainment from external sources to theater ports of debarkation.

(h) Establish and manage third party transportation billing accounts.

(i) Produce Marine Corps distribution reports as required.

(j) Designate a MFCDO Liaison Officer dedicated to supporting and coordinating with the MFCDO; act as the operational-level Service point of contact to the MFCDO and adjacent commands for all Marine Corps distribution-related matters

(k) Act as the Marine Corps enterprise-level distribution manager with an emphasis on inter-theater movement from point of origin to final destination.

(l) IAW reference (h), act as the Service Level ACA by coordinating with the respective MARFORs to validate lift priorities.

(m) Manage retrograde of equipment and materiel from theater of operations (excess and depot-level repairable).

(n) Maintain enterprise-level asset visibility and the ability to track, trace, and expedite on demand from point of origin to final destination.

(o) Coordinate with CG MCSC to provide the MFCDO with status, visibility, and advance notification of acquisition and delivery of rapid procurement items (items procured as the result of the Urgent Universal Need Statement process). Coordinate with MCSC during internal planning, integration, and reorganization activities to ensure alignment with the MDDP.

(10) Director, Command, Control, Communications and Computers. Ensure communication architecture supports MDDP AIS/AIT to include joint requirements.

4. Administration and Logistics

a. Directives issued by the Commandant of the Marine Corps are published electronically and can be accessed via the Marine Corps homepage at: <http://www.usmc.mil>.

b. Access to an on-line medium shall suffice for directives that can be obtained from the internet, CD-ROM or other sources. For the purpose of inspection, electronic files shall suffice and need not be printed. Hard copy and CD-ROM versions of Marine Corps directives can be obtained through the Marine Corps Publications Distribution System.

5. Command and Signal

a. Command. This Order is applicable to the Marine Corps Total Force as outlined herein. All commands accountable to this directive will develop, review, update and implement internal policies and procedures to facilitate the execution of this Order within 12 months of the published date.

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



R. S. KRAMLICH  
Director, Marine Corps Staff

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**JUN 11 2013**

MARINE CORPS ORDER 4470.1 Ch 1

From: Commandant of the Marine Corps  
To: Distribution List

Subj: MARINE AIR GROUND TASK FORCE (MAGTF) DEPLOYMENT AND  
DISTRIBUTION POLICY (MDDP)

Ref: (a) MCO 5215.1K

Encl: (1) New page insert to MCO 4470.1

1. Situation. Perform an administrative change to adjust the list of references in the order.
2. Mission. To update publication dates to references in the order.
3. Execution. In accordance with the reference, an administrative change is required in order to keep this Marine Corps directive current beyond five years from its last update. This Order is undergoing a major overhaul with many other substantive changes.
4. Summary of Changes. This is an administrative change to references (a) and (h).
5. Filing Instructions. File this change immediately behind the promulgation page.

M. G. DANA  
Director Logistics Plans  
Policies and Strategic Mobility  
Division

Distribution: PCN 10205666801



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From: Commandant of the Marine Corps  
To: Distribution List

Subj: MARINE AIR GROUND TASK FORCE (MAGTF) DEPLOYMENT AND DISTRIBUTION  
POLICY (MDDP)

Encl: (1) LOCATOR SHEET

1. Purpose. This Order publishes revised deployment and distribution policies and procedures for the MAGTF community.
2. Cancellation. MCO 4470.1, References (a) and (h).
3. Background. These changes amend the current reference list published in MCO 4470.1.
4. Summary of Revision. This Order contains substantial changes and must be reviewed in its entirety. Summary of the administrative changes are as follows:
  - a. JCS Publication 1-02, "Department of Defense Dictionary of Military and Associated Terms," 08 November 2010, as amended through 15 November 2012
  - b. DOD 4500.9-R, "Defense Transportation Regulation," Part II, June 2008

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