



UNITED STATES ARMY
SPACE AND MISSILE
DEFENSE COMMAND

TSM-GMD
TRADOC System Manager
Ground-Based Midcourse Defense

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Summary

- Joint User Community's centralized manager and integrator of Doctrine, Organization, Training, Materiel, Leader Development, Personnel, and Facilities (DOTMLPF)
- Single User Representative to the GMD materiel developer (GMD Joint Program Office (JPO))
- Provides a framework for Joint integration and problem resolution as DoD's Lead Service for GMD
- Leverages the Army's process and capabilities to operate within the Joint Requirements Determination Process

TSM is the Centralized manager and integrator of joint DTLOMP (doctrine, training, leader development, organizations, materiel and personnel) products and the Single User Representative to the GMD materiel developer.

The TSM-GMD is assigned to the U.S. Army Space and Missile Defense Command (SMDC), the Army proponent for GMD, and resourced by SMDC and the GMD Joint Project Office (JPO). The TSM-GMD, reports to the Commanding General, Army Training and Doctrine Command, through the Commanding General, SMDC. The role of the TSM is to serve as the single-point interface between the user community or warfighters, including Army, Air Force, and Joint commands, and the materiel developer or acquisition community, primarily the GMD JPO at the Missile Defense Agency. The TSM goal is to develop consensus and promote teamwork while leveraging TRADOC and SMDC force development resources for the fielding of GMD and integration with the Ballistic Missile Defense System.

Secure the High Ground

The National Missile Defense (NMD) TRADOC System Manager (TSM) office was chartered on Aug. 2, 1999, as the Army's user representative and centralized manager and integrator for all Doctrine, Organizations, Training, Materiel, Leadership and Education, Personnel, and Facilities (DOTMLPF) products associated with the land-based NMD System. On Nov. 15, 1999, the Army was designated as the Lead Service for the land-based NMD System. In early 2002, the NMD program was changed to Ground-based Midcourse Defense (GMD), consistent with new Department of Defense terminology.

For the purpose of accomplishing its Lead Service mission, the TSM-GMD is assigned to the U.S. Army Space and Missile Defense Command (SMDC). The TSM-GMD reports to the commanding general, TRADOC, through the commanding general, SMDC. By charter agreement between SMDC and TRADOC, a single user representative is established for TRADOC and SMDC. The goal is to leverage TRADOC and SMDC force development resources and operate within the established Requirements Determination Process to effectively and efficiently represent Joint user interests in the development of the GMD system.

The TSM acts on behalf of the Army and joint warfighter community, including the Army National Guard, U.S. Strategic Command (USSTRATCOM), U.S. Northern Command (USNORTHCOM), Air Force Space Command (AFSPC), and all subordinate user organizations involved in the GMD program. The TSM employs the processes and procedures identified in the interim Memorandum of Agreement for Land-Based Missile Defense Lead Service and User Support Implementation to develop consensus and promote teamwork. This effort ensures integrated, well-coordinated products and positions to and from the materiel developer and reduces friction, risk and perturbations in cost, schedule, and performance.

Letters from the Secretary of Defense on Jan. 2, 2002, and from the Undersecretary of Defense for Acquisition, Technology, and Logistics on Feb. 13, changed the scope and focus of GMD to a capabilities – vice a requirements-based system with the direction to have a Ballistic Missile Defense System Test Bed by Sept. 30, 2004. A presidential decision, announced in December 2002, to proceed with fielding an initial set of missile defense capabilities in 2004 and 2005, to include ground-based interceptors, sea-based interceptors, additional Patriot Advanced Capability (PAC-3) units, and sensors based on land, at sea, and in space, provided a more operational focus. The TSM GMD is restructuring the current Integrated Concept Teams (ICT) with the Joint Program Office (JPO) Integrated Product Teams (IPT) and aligning more closely with the JPO test, train, and exercise framework.

To execute this mission, the TSM-GMD is organized into four main directorates:

1. **Current Operations** – This division is responsible for day-to-day TSM-GMD baseline support and coordination. Functions include:
 - Orchestrating this complex program by providing assistance with program integration.
 - Representing the GMD User Community to the Missile Defense Agency (MDA), GMD JPO, and the Joint Air and Missile Defense Organization (JtAMDO), and coordinating GMD issues with the appropriate Army Staff agencies.
 - Responsible for the development, implementation, and maintenance of the GMD User Community DOTMLPF+ Roadmap.

- Developing and implementing specific decision support tools required for Test Bed support and to enable Initial Defensive Operations (IDO), as required.
- Responsible for the development, implementation and maintenance of the GMD User Community Web site.
- Serves as the TSM-GMD's lead for the scheduling, preparation, and execution of all GMD Joint Council of Colonels and Captains and Flag Officer/General Officer In-Progress Reviews.

2. **Future Operations** – This division is responsible for ensuring that all matters, products and positions pertaining to Strategic Operations, Exercises, and Training provided from the warfighter and user community to the materiel developer are integrated and coordinated. The Future Operations Division is managed from Colorado Springs, Colo., and is organized into three branches:

- The Strategic Operations Branch, focuses on GMD Program Strategy, Missile Defense Support Group, Association of the U.S. Army Panel Presentations, Defense Planning Guidance Studies, Combatant Commander Missile Defense Roles and Missions, and Strategic Communications. The branch coordinates its efforts through the GMD JPO, MDA, Army and Joint Staff.
- The Exercise Branch, focuses on GMD Simulations, Battle Planning Exercises, Combatant Command Exercises, JtAMDO Workshops, Table Tops and Joint Wargames, Senior Leader Seminars and Assessments. The branch coordinates its efforts through the Combatant Commands and Initial Defensive Operations (IDO) IPT Exercise Working Group, MDA, Test, Training, and Exercise Capabilities (TTEC) IPT, and the Force Development and Integration Center (FDIC).
- The Training Branch focuses on GMD Training and the GMD Fire Control/Communications (GFC/C) system. The branch coordinates its efforts through USNORTHCOM, USSTRATCOM, NORAD and the IDO IPT Training Working Group, TTEC IPT, FDIC, and the GFC/C IPT.

3. **Personnel and Security** – This division is responsible for force structure and ensuring manning and equipping of the GMD Test Bed and continued development of objective Force Structure. Its functions include providing the TSM coordination point for the Organization and Personnel ICT and IPT. Additionally, it coordinates and integrates Test Bed Force Protection development processes with the GMD JPO, FDIC, and the National Guard Bureau.

4. **Materiel, Testing, Sustainment, and Facilities** – Located in both Huntsville, Ala., and Washington, D.C., this division serves as a conduit between the warfighter/user community and materiel developer in the areas of materiel, testing, sustainment, and facilities. As the single-point interface in these areas, particular emphasis is placed on liaison activities with the Combined Test Force, GMD Site Activation Command at Fort Greely, Alaska, other SMDC entities, JtAMDO, and the GMD TTEC Product Office.



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