

Training and Evaluation Outline Report

Status: Approved

20 Apr 2022

Effective Date: 20 Apr 2022

Task Number: 05-SEC-6010

Task Title: Disseminate Geospatial Information and Services

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the MSCoE Fort Leonard Wood, MO 65473 foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	ATP 3-34.80	Geospatial Engineering http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp3_34x80.pdf	Yes	Yes	
	ATP 5-19	Risk Management	Yes	No	
	JP 2-03	Geospatial Intelligence Support to Joint Operations	Yes	No	

Conditions: The element receives an order or directive to disseminate geospatial information and services to support Mission, Enemy, Terrain and Weather, Troops Available, Time, Civilian, and Media (METT-TCM) considerations for an operations Area of Responsibility (AOR) or Area of Interest (AOI). The unit Standard Operating Procedures (SOP), Organic equipment, assigned personnel, and connectivity with the Global Information Grid (GIG) is available.

Note: The Commander must still determine at what level of training the Commander would want the element to perform: Crawl, walk, or run. This can only be determined after consideration as to the unit's training level. The Commander, prior to evaluating an element in the conduct of the task, must determine if it will be conducted in a Live, Virtual, or Constructive environment; additionally, it must also be determined under which condition as described below that the element will conduct the task. The selection made for this task is at a trained level of proficiency. The commander must determine which of the environments below will best suit the unit's proficiency. When conducting crawl or walk level training, units should not increase the intensity until the unit has achieved the standards and then unit trainers should include variables that increase proficiency in all conditions.

Note: The condition statement for this task is written assuming the highest training conditions reflected on the Task Proficiency matrix required for the evaluated unit to receive a "fully trained" (T) rating.

Note: Condition terms definitions:

Dynamic Operational Environment: Three or more operational and two or more mission variables change during the execution of the assessed task. Operational variables and threat Tactics, Techniques, and Procedures (TTPs) for assigned counter-tasks change in response to the execution of Blue Forces (BLUFOR) tasks.

Complex Operational Environment: Changes to four or more operational variables impact the chosen friendly course of action/mission. Brigade and higher units require all eight operational variables of Political, Military, Economic, Social, Infrastructure, Information, Physical environment, and Time (PMESII-PT) to be replicated in varying degrees based on the task being trained.

Single threat: Regular, irregular, criminal or terrorist forces are present.

Hybrid threat: Diverse and dynamic combination of regular forces, irregular forces, and/or criminal elements all unified to achieve mutually benefiting effects. Some iterations of this task should be performed in MOPP 4. Some iterations of this task should be performed in MOPP 4.

Standards: The element must disseminate geospatial information and products via Web services of the geospatial enterprise database, web enabled geospatial information repositories, or hardcopy publishing IAW unit Standard Operating Procedures (SOP). The task must be completed and information made available within the higher Headquarters (HQ), or organic element defined time constraints. The time to perform this task will increase when conducting it in Mission Oriented Protective Posture (MOPP 4).

Note: Leaders are defined as Geospatial Operations Officer, Geospatial Operations Sergeant Major or Senior Geospatial Engineer Operations Sergeant

, Geospatial Engineering Technician(s), Geospatial Engineering NCO(s).

Live Fire: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare		Execute					Assess			
Operational Environment	Squad & PLT	Training Environment (L/V/C)	Leaders Present at Training/Required	Present at Training/Required	External Eval	Performance Measures	Critical Performance Measures	Leader Performance Measures	Evaluator's Observed Task Proficiency Rating	Commander's Assessment
Dynamic (Single Threat)										
Static (Single Threat)	Day	60-74%	60-79%	No	65-79%	<All	75-84%	T-	T-	
		<=59%	<=59%					<=65%	<=74%	P
Static (Single Threat)	Day	60-74%	60-79%	No	65-79%	<All	75-84%	P-	P-	
		<=59%	<=59%					<=65%	<=74%	U

Remarks: None

Notes: None

Safety Risk: Low

Task Statements

Cue: None

DANGER

WARNING

Risk management is the Army's primary decision-making process to identify hazards, reduce risk, and prevent both accidental and tactical loss. All Soldiers have the responsibility to learn and understand the risks associated with this task.

CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations and activities is the responsibility of all Soldiers.

Performance Steps and Measures

NOTE: Assess task proficiency using the task evaluation criteria matrix.

NOTE: Asterisks (*) indicate leader steps; plus signs (+) indicate critical steps.

STEP/MEASURE

+* 1. The element leader(s) analyzes the mission for existing geospatial information and gaps in geospatial information to determine methods for sharing and/or visualizing geospatial information or products based on commander's critical information requirement (CCIR).

- + a. Understand the geospatial mission and commander's intent.
- + b. Security limitations.
- c. Time constraints.

+ 2. The element develops the dissemination process for geospatial information within the geospatial enterprise database.

+* 3. The element leader(s) conducts Quality Assurance (QA) checks on dissemination process.

+* 4. The element leader(s) validates the essential elements of friendly information (EEFI) is accessible through the disseminated method.

+* 5. The element leader(s) notifies commander(s) of new or updated geospatial information to enable the planning and execution of unit's mission.

GO	NO-GO	N/A

Task Performance Summary Block										
Training Unit			ITERATION							
			1		2		3		4	
Date of Training per Iteration:										
Day or Night Training:			Day / Night		Day / Night		Day / Night		Day / Night	
			#	%	#	%	#	%	#	%
Total Leaders Authorized		% Leaders Present								
Total Soldiers Authorized		% Soldiers Present								
Total Number of Performance Measures		% Performance Measures 'GO'								
Total Number of Critical Performance Measures		% Critical Performance Measures 'GO'								
Live Fire, Total Number of Critical Performance Measures		% Critical Performance Measures 'GO'								
Total Number of Leader Performance Measures		% Leader Performance Measures 'GO'								
MOPP LEVEL										
Evaluated Rating per Iteration T, T-, P, P-, U										

Mission(s) supported: None

MOPP 4: Sometimes

MOPP 4 Statement: .

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	05-SEC-6012	Manage a Geospatial Database	05 - Engineers (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
1.	71-TM-5100	Conduct Troop Leading Procedures	71 - Mission Command (Collective)	Approved
2.	05-SEC-6012	Manage a Geospatial Database	05 - Engineers (Collective)	Approved
2.	05-SEC-6011	Generate Geospatial Data	05 - Engineers (Collective)	Approved
2.	05-SEC-6013	Analyze Geospatial Data	05 - Engineers (Collective)	Approved

OPFOR Task(s):

Task Number	Title	Status
71-CO-8502	OPFOR Execute an Ambush	Approved
71-CO-8504	OPFOR Execute a Reconnaissance Attack	Approved

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	052-125-1001	Manage Generation of Essential Elements of Geospatial-Intelligence Information (EEGI)	052 - Engineer (Individual)	Approved
	052-125-1003	Manage Geospatial Information Collection	052 - Engineer (Individual)	Approved
	052-125-2107	Determine Geospatial Requirements	052 - Engineer (Individual)	Approved
	052-12Y-1017	Determine the Geographic Foundation Information of Geospatial Data	052 - Engineer (Individual)	Approved
	052-12Y-1026	Import Geospatial Data	052 - Engineer (Individual)	Approved
	052-12Y-1027	Export Geospatial Data	052 - Engineer (Individual)	Approved
	052-12Y-1031	Order Geospatial Products	052 - Engineer (Individual)	Approved
	052-12Y-1101	Retrieve Geospatial Information Data	052 - Engineer (Individual)	Approved
	052-218-4002	Analyze Geospatial Terrain Products	052 - Engineer (Individual)	Approved
	052-270-1001	Extract Essential Elements of Geospatial Information (EEGI)	052 - Engineer (Individual)	Approved
	052-270-1008	Process Geospatial Data	052 - Engineer (Individual)	Approved
	052-270-1018	Perform Geospatial Product Briefing	052 - Engineer (Individual)	Approved
	052-270-1028	Create a Geospatial Information Database	052 - Engineer (Individual)	Approved
	052-270-1029	Update a Geospatial Information Database	052 - Engineer (Individual)	Approved
	052-270-1030	Collect Geospatial Information Data	052 - Engineer (Individual)	Approved
	052-270-1034	Reproject Geospatial Data	052 - Engineer (Individual)	Approved
	052-270-2001	Archive Geospatial Information and Products	052 - Engineer (Individual)	Approved
	052-270-2002	Maintain Data on a Geospatial Information Server	052 - Engineer (Individual)	Approved
	052-270-2003	Update Geospatial Information	052 - Engineer (Individual)	Approved
	052-270-2004	Disseminate Geospatial Products	052 - Engineer (Individual)	Approved

Supporting Drill(s): None**Supported AUTL/UJTL Task(s):**

Task ID	Title
ART 5.3.4	CONDUCT GEOSPATIAL ENGINEERING ACTIVITIES

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
No equipment specified		

Materiel Items (NSN)

NSN	LIN	Title	Qty
No materiel items specified			

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. .

Safety: In a training environment, leaders must perform a risk assessment in accordance with current Risk Management Doctrine. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW current CBRN doctrine. .