



**DEPARTMENT OF THE ARMY  
OPERATIONS GROUP  
NATIONAL TRAINING CENTER  
FORT IRWIN, CA 92310-5000**

ATXY-FS

07 Aug 01

MEMORANDUM FOR Commander, Rotational Field Artillery Battalion

SUBJECT: Battery Lanes

1. Purpose. To inform the battalion leadership about NTC battery lanes.
2. Battery Lanes is an excellent opportunity for units to exercise FDC and howitzer live fire tactical and technical skills prior to brigade level live fire operations. It is a 12-18 hour training event conducted at the end of Force-on-Force operations and Live Fire operations. During Battery Lanes, the battalion FDC and firing batteries conduct offensive operations typical of those required during the BCT live fire. The unit can expect to train on the following tasks:

TASK: Mass with indirect fires.

PURPOSE: Synchronize massing using multiple targets and charges.

TASK: Provide obscuration and conduct smoke hand-over between batteries for a 15 minute/1000 meter smoke screen.

PURPOSE: To validate M825A1 procedures in conducting smoke adjust fire and fire for effect missions and verifying the unit's ability to sustain obscuration fires while handing off the mission from battery to battery.

TASK: Fire SEAD mission.

PURPOSE: Provide force protection for air assets using synchronized fires, SEAD and marking rounds.

TASK: Shift from a target.

PURPOSE: To quantify the time required for the unit to lift and shift massed fires from one target to another target.

TASK: FSCM Management.

PURPOSE: To ensure the unit's ability to track and disseminate fire support coordinating measures.

TASK: Fire RAP mission.

PURPOSE: To allow the unit the opportunity to fire RAP-ROCKET ON.

TASK: Conduct emergency missions outside a firing area (hip shoot).

PURPOSE: To verify the unit's tactics, techniques, and procedures to provide timely fires in an other than occupied status.

3. Concept of the operations. The battalion receives a written operations order from the Wolf Team NLT than RSOI 04. The order will OPCON the firing batteries to Task Force Wolf following force on force operations in order to conduct Division Directed Rehearsals (DDR) in preparation for future operations. Due to a short timeline, firing safety considerations, ammunition management considerations, traveling distances, and weather, the order will direct specific actions for the unit to execute in order to successfully complete battery lanes.

- a. Timeline. This timeline is approximate. For mission analysis purposes, the unit can expect to move to and from battery lanes during periods of light. Batteries must be in position at Brown Pass (vic. NV350175) with ammunition NLT Continue the Mission (CTM) + 3. The first mission begins that evening and the unit must complete the remainder of the missions NLT noon the following day. Below is a typical battery lanes timeline:

- CTM Last FOF battle Units move to initial positions, download FOF pyro and HOFFMAN devices, and prepare for live fire ammunition up-load.
- CTM + 5 Wolf Team conducts Battery Lanes brief to Battery Commanders and FDOs.
- CTM + 7 Safety briefs and ammunition up-load complete.
- 1800 Fire Support Rehearsal w/ Wolf Team assistance.
- 1900 FA Technical Rehearsal.
- 2030 Firing units meet the conditions for Red Indirect.
- 2100 SEAD For AVN Deep ATK (RAP) 155mm.
- 0600 (following day) Firing units meet the conditions for Red Indirect.
- 0615 Battalion Right By Piece.
- 0700 Conduct Division Directed Rehearsals.
- 1200 Division Directed Rehearsals complete.
- 1215 Units move to BCT TAA and conduct ammunition upload
- 1300 FDC AAR

NOTE: If calibration is not completed during RSOI, we will adjust the battery lanes timeline to complete calibration.

4. Administrative notes:

a. The battalion is responsible for commanding and controlling the execution of battery lanes. The battalion must provide a C2 package (TAC) to include the Bn FDC at a minimum. The addition of a battle captain to provide additional C2 is recommended.

b. Each battery is given a location for the firing point in the DDR OPORD. The battalion FDC and C2 element will be directed to a specific location in the DDR OPORD. No deviations from the OPORD are authorized unless O/C directed.

c. The battalion must provide at least one observer team equipped with an operational G/VLLD.

d. The battalion must provide TCPs. The TCPs are needed to assist with safe range operations. Normally there are four TCPs manned by two soldiers each, equipped with one vehicle, CI I, PLGR, NVGs and 24-hour communications capability.

e. The battalion will require METRO support to execute battery lanes.

f. Survey. Survey support may be required for battery lanes. Plan on having survey available to support battery lanes and provide support to TF mortar lanes.

g. Ammunition. For Heavy/Light rotations, the (DS) battalion must plan on assisting the light battery with ammunition distribution. Below is the typical ammunition allocation for Battery Lanes:

(1) Ammunition Requirements:

	<b>155 MM</b>							
	<u>HE</u>	<u>RAP</u>	<u>SMD</u>	<u>M110</u>	<u>M577</u>	<u>M739</u>	<u>M4A2</u>	<u>M119A2</u>
BTRY	137	24	14	01	14	162	152	24
Bn Total	411	72	42	03	42	486	456	72

	<b>105 MM</b>				
	<u>HE</u>	<u>HC</u>	<u>M577</u>	<u>M739</u>	<u>ILA</u>
Lt BTRY	240	50	50	240	20

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NOTE: Additional calibration ammunition may be required. This ammunition must be segregated from the battery lanes ammunition.

5. Desired Effects. Battery Lanes is an excellent opportunity for batteries to execute those training objectives/goals that will prepare them for future NTC Live Fire operations. As always, the Wolf Team places a premium on safety and is there to ensure battery lanes is a successful training event. Deviations from the basic concept of battery lanes are METT-TC and NTC dependent. Rotational units must coordinate for any desired deviations NLT 90 days prior to the rotation.

6. POC is Wolf 12 at DSN 470-2251.

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