FIRING/NONFIRING DATA

For use of this form see USAIC Regulation 350-19; the proponent agency is DPTMS

TO: Chief, Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905	**Date:** 29 Oct 2013 LOG# 10-10-13 **Range:** Pool North (Oscar 15) **Title:** Buddy Team / Fire Team Maneuver **Problem No:** N/A
THRU: DPTMS, Range Operations Fort Benning, GA. 31905	**FROM:** Range Operations Fort Benning, GA. 31905

SECTION I, TYPE OF TRAINING

☑ a. Live Fire ☐ b. Non-live Fire CP/Controller Coordinates: Tower GB 10310224

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
Ln's 1-5 Start 1033 0216 to 1020 0234	M16/M4 M68/AN-PEM/PAQ4	5.56mm Ball,Blank, Tracer Laser Aiming Device	3665 mils	4730 mils
Ln's 1-5 Stop 1024 0209 to 1011 0227	M16/M4 M68/AN-PEM/PAQ4	5.56mm Ball,Blank, Tracer Laser Aiming Device	3665 mils	4730 mils

SECTION IV, LIVE FIRE EXERCISES Attach the following:

- ☑ **Scenario of training to be conducted:**
- ☑ **Sketch of area:**
- ☑ **Risk Assessment:**
- ☐ **Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:**

SECTION V, NON-LIVE FIRE TRAINING

Training area(s) to be occupied:

- ☐ **Scenario of training to be conducted:**
- ☐ **Sketch of area(s) to be occupied:**
- ☐ **Risk Assessment:**

Name/rank of requesting officer: Benjamin T. Bolding
Benjamin T. Bolding, GS08, Survey Technician

Name/rank of Major Unit S3/Commander: Brad S. Tesch
Brad S. Tesch, GS12, Chief, Range Operations

SECTION VI, FOR RANGE DIVISION USE **DATE:** 1 NOV 13

TO: DPTMS, Range Operations Fort Benning, GA. 31905	**FROM: Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905**

a. Roadblocks to be closed:	See Road Block Enclosure
b. Road(s) to be closed/road barrier locations:	
c. Remarks:	Laser Warning Signs will be posted prior to the range being opened.
d. This approval expires: Indef	

Chief, Range Division
Directorate of Plans, Training, Mobilization and Security Brad S. Tesch

DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCEEENCE
1 KARKER STREET
FORT BENNING, GA. 31905

IMSE-BEN-PLT-R 29 October 2013

MEMORANDUM FOR: Director, Plans, Training, Mobilization and Security, U.S. Army Garrison, Fort Benning, GA. 31905

SUBJECT: Fire Team, Buddy Team, for Pool North (Oscar 15) Range – Fire Team Training, Movement to Contact, and React to Contact.

1. TASK: Conduct Buddy Team and Fire Team bounding, Movement to Contact Training, and React to Contact Training (Live Fire).

2. PURPOSE: To ensure that all Soldiers are proficient in Buddy Team, Fire Team, Movement to Contact, and React to Contact.

3. ENDSTATE: All Soldiers understand how to move as part of a Buddy Team, Fire Team, and conduct a Movement to Contact, and React to Contact.

4. CONDUCT OF THE RANGE:

a. The range OIC and RSOs will clear the range and form the platoon in the bleachers for the safety briefing and range orientation.

b. For Day Fire only 4 of the 5 lanes will be utilized, Lane 1, 2, 4, & 5, with each lane accommodating one Buddy Team. All four lanes will be used simultaneously. Lane 3 can be used by the RSO to follow the teams as they progress down range. Units have the option of using all 5 lanes if needed. Each buddy team/fire team will have their Squad Leader and Team Leader move behind them while conducting an iteration and act as a lane safety. This will allow the Range Safety Officer, who will be located in the tower, to monitor the progress of each lane. Ammunition will be distributed to each Soldier at the Ammo Point prior to moving to their respective lanes. Once the RSO has received a ready status from the Squad Leader, he will instruct the buddy team/fire team to lock and load their weapons. Once they are locked and loaded the Squad Leaders will take control of their respective lanes and ensure that the movement through the lane is conducted in a safe manner. Squad Leaders will observe each Soldier as he moves through the lane from position to position. Squad Leaders will maintain command and control of the Fire Teams to ensure that no team gets more than two positions ahead of each other.

c. Soldiers will lock and load their weapons at the baseline of the range. Soldiers will move with their weapons in the low-ready position at all times. Squad Leaders will ensure that weapons are orientated down range at all times. All weapons will be on "safe" when the Soldier is not engaging an enemy target. Minimum target engagement is 30 meters.

d. Soldiers will only execute the live fire iteration after they have demonstrated the successful negotiation of the lane during both dry and blank fire iterations. All scenarios will be the same with exception of the difference in ammunition.

e. Throughout the execution of the range, the OIC will remain in constant contact with Range Control via radio. A cell phone will be used as an alternate means on communication with

Range Control in the event that radios cannot be used.

f. In the event of a MEDEVAC, the unit will call up a 9-line MEDEVAC in accordance with MCOE 350-19. The medical personnel on site will administer medical care until the MEDEVAC assets arrive.

g. Phase Lines will be marked with a stake of the corresponding color in each lane. Two stakes per phase line will be placed in the lanes with one being on either side of the lane.

5. CONCEPT OF THE OPERATION:

a. This operation will be conducted in 3 phases. All 3 phases will be conducted in the same manner.

- Phase I: DRY FIRE
- Phase II: BLANK FIRE
- Phase III: LIVE FIRE

Squad Leaders will move behind their buddy teams/ fire teams during each iteration. Their main focus will be safety and certifying their teams to move on to the next phase. Three phase lines used are PL RED (Start), PL WHITE (50m), and PL BLUE (110m). These phase lines will correspond to the front, middle, and back of the lanes respectively.

b. Each buddy team/ fire team will begin at line of departure (PL RED) in there assigned lanes.

c. Once the Squad Leader gives the command to begin the lane the buddy teams/ fire team will begin bounding toward PL WHITE and engage targets that present themselves on PL WHITE.

d. When the targets on PL WHITE drop the buddy team/ fire team will bound forward, engaging targets through PL BLUE as they move. The buddy team/ fire team will stop once they get to PL BLUE.

e. Once at PL BLUE the buddy team/ fire team will engage the last targets in their lane, but they will remain at PL BLUE. When the targets have been successfully engaged the Squad Leader will call cease fire, visually clear the buddy team/ fire teams weapons, and move with the team back to the clearing barrels where they will clear their weapons again.

f. Safeties will control the movement of all buddy teams/ fire teams. Buddy teams/ fire teams will move generally in line with the other teams. Forward movement and firing will be halted if any buddy team/fire team moves forward of the other advancing teams. Movement will not continue until all teams are generally online. Each Safety will control the movement of the position of the other teams and use of predetermined signaling and techniques to halt and commence movement.

6. PHASE I: DRY FIRE

a. Soldiers will conduct this phase with no ammunition in their weapons.

b. The Squad Leader will determine if the Soldier will move onto Phase II, which is the blank fire iterations. The OIC/RSO will have final approval authority for Soldiers moving on to the blank fire iterations.

c. Soldiers who do not demonstrate the required proficiency to move on to the blank fire iterations will receive additional one-on-one training from an NCO in their chain of command. Once the trainer decides that the individual Soldier is ready to move on to the blank fire iteration the Soldier will be re-evaluated by their Squad Leader.

7. PHASE II: BLANK FIRE

a. This phase will be conducted the same way that the dry fire phase was conducted except that Soldiers will utilize blank rounds. Prior to initiating Phase II another range safety briefing will be given which will focus on safety when using blank rounds.

b. The Squad Leader will determine if the Soldier will move onto Phase III, which is the live fire iterations. The OIC/RSO will have final approval authority for Soldiers moving on to the live fire iterations.

c. Soldiers who do not demonstrate the required proficiency to move on to the live fire iterations will receive additional one-on-one training from an NCO in their chain of command. Once the trainer decides that the individual Soldier is ready to move on to the live fire iteration the Soldier will be re-evaluated by their Squad Leader.

8. PHASE III: LIVE FIRE

a. This phase will be conducted only after the OIC determines that each Soldier and buddy team/fire team is proficient in the above mentioned tasks. When such a determination is made he will clear the range and give another range safety briefing for the execution of the live fire iterations.

b. Phase III will be conducted in the same manner that Phase I & II were conducted with the exception that Soldiers will be using live rounds during the phase.

9. SAFETY CONTROL MEASURES

a. The range OIC, RSO and Squad Leaders will ensure that the above mentioned scenario is conducted with extreme regard for safety. If, at any time, an unsafe act is committed the range will cease fire until the action is corrected.

b. The range OIC and RSO will conduct a safety briefing to all personnel on the range prior to any training taking place. The RSO or OIC will ensure that all personnel know the universal signal for cease fire and understand that anyone observing an unsafe act has the authority and the obligation to verbally yell a cease fire.

c. Lazer Warning Signs will be put in place prior to use. Range Safety Briefing will include the hazards while using Lasers.

d. The range OIC and RSO will ensure that qualified medics are on station with an FLA or equivalent medical vehicle prior to firing the above scenario with live ammunition.

e. All personnel will be briefed on MEDEVAC procedures in the event of a serious injury.

f. The minimum safe distance to engage targets is 30 meters.

g. There will be a weapons/ammo check prior to each phase.

h. Prior to firing the blank fire iterations the Squad Leaders will visually inspect each Soldier's weapon to ensure that they do not have any live ammunition and that their blank firing adapter is properly installed on their weapon.

i. Prior to firing the live fire iterations the Squad Leaders will visually inspect each Soldier's weapon to ensure that their blank firing adapter has been removed from their weapon.

j. The ammunition point NCO will ensure that blank and live ammunition is not mixed and remains separated and marked. NCO controls issue and retrieval of all ammunition.

k. The Squad Leader will ensure that Soldiers in his lane do not move more that 2 positions in front of his fellow buddy team/ fire team member. Soldier on the left half shoots left targets and the Soldier on the right half shoots right targets and so on. Squad Leader's will designate sectors of fire for each Soldier in the lane prior to each iteration.

l. The Lane safeties will not allow any firer to move beyond each phase line until all firers are on line.

m. If a Soldier experiences a weapon malfunction during a live fire exercise, the Soldier will first try to correct the malfunction by performing remedial actions. If that does not work, the range will be put on a cease fire and the Soldier along with the weapon will be removed from the range. The cease fire will not be lifted until the Soldier along with his weapon is removed from the range.

n. Once all lanes have finished the iteration all Soldiers will remove their magazine from their weapon and visually clear their weapon. Each Squad Leader will also visually inspect their respective lane's Soldiers prior to moving back to the clearing barrels. Soldiers will then move back to the clearing barrels located at the base of the tower while keeping their weapons at the low ready.

o. Once Soldiers are at the clearing barrels they will clear their weapons in accordance with the Fort Benning Clearing Barrel Policy. Additionally, an NCO will be at each barrel to ensure that Soldiers are clearing their weapons properly. All unused ammunition will be returned to ammunition point.

10. COMMAND AND CONTROL

a. The Company Commander will certify the OIC, RSO, and all Squad Leaders prior to the execution of any iteration of the range. The Battalion Commander must certify the maneuver portion of the range prior to any iteration is executed.

b. The range will be policed of all brass during the transition between blank and live fires and at the end of each training day.

c. Unit NCOs will inspect each weapon for serviceability prior to the execution of the range.

d. Range personnel will consist of the following:
   (1) OIC x 1
   (2) RSO x 1
   (3) Squad Leader x 1 (per lane)
   (4) Team Leader x 2 (per lane)
   (5) Medics w/FLA x2
   (6) Ammunition Point NCO x 1

e. All Soldiers, to include Squad Leaders, will wear an IBA, ACH, eye protection and hearing protection while executing all iterations, dry, blank, and live.

f. All Soldiers will conduct a five point safety check prior to moving from one position to the next. The five point safety check consists of the following:

(1) Place the weapon on safe
(2) Close the dust cover/ejection port cover
(3) Identify the next covered and concealed position
(4) Look Left
(5) Look Right

g. Unit will maintain continuous contact with Range Control at all times. If communications are lost the unit will go into a self induced check fire until communications are restored.

h. Unit will use the standard 9 line MEDEVAC in case of illness or injury. Call 911 and determine what type of evacuation is the most appropriate for the injury. MEDEVAC will be IAW MCoE Regulation 350-19 and USAIC 40-2. Landing zone for MEDEVAC will be established prior to use and will be marked appropriately. Using units higher Headquarters and Range Control will be notified in this event.

i. When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately report it to Range Control and the using units higher headquarters. The following information will be furnished by the OIC/RSO to Range Control:

1. Designation of the unit.
2. Range and Location.
3. Type of weapon involved.
4. Type of ammunition involved.
5. Brief summary of what happened.
6. Personnel injuries and extent.
7. Full Name, SS#, Rank and unit of injured personnel.
8. Extent of property damage.
9. Intentions regarding an AR 15-6 investagation.

11. **Weapons/Ammunition Malfunction Reports**: When a malfunction is experienced, the OIC/RSO will suspend all firing and immediately notify Range Control. The weapons and all components and ammunition involved will remain in place. The cease fire will remain in effect until cleared through Range Control. An investigation is required and will be conducted by the ammunition and weapons inspection personnel and DOL.

12. Units must have an approved Composite Risk Management Work Sheet signed by Post Safety and be on file at Range Control before use of this Packet.

13. There will be no deviations to this packet unless approved by Range Control.

14. Point of contact for this memorandum is Kenneth L Whitehead, GS07, Range Operations, 706-544-6267.

KENNETH L. WHITEHEAD
GS07, Survey Technician
Range Operations

Pool North
PL Red @ Start
PL White @ 50m
PL Blue @ LOA 110m
Lane 1
Lane 2
Lane 3
Lane 4
Lane 5
Start
50m
100m
LOA 110m

Pool North Fire & Maneuver
Oscar 15
Start
50m
100m
LOA 110m
Lane 5
Lane 4
Lane 3
Lane 2
Lane 1

Pool North (Oscar 15) Range Division Fire & Maneuver (Log #10-10-13) Roadblock List 25 Oct 2013

#	GRID	LOCATION	TYPE
O-1	GA 047 998	Across unnamed trail 30m E of its intersection with Midwest Rd.	Gate
O-2	GA 052 993	Across unnamed trail 30m E of its intersection with Midwest Rd.	Gate
O-3	GA 058 988	Across Engineer Trail 40m E of its intersection with Midwest Rd.	Gate
O-4	GA 062 983	Across unnamed trail 20m E of its intersection with Midwest Rd.	Cable/Gate
O-5	GA 063 979	Across unnamed trail 10m E of its intersection with Midwest Rd.	Cable/Gate
O-6	GA 092 980	Across unnamed trail 10m W of its intersection with Lorraine Rd.	Cable/Gate
O-7	GA 097 995	Across Engineer Trail 30m W of its intersection with Lorraine Rd.	Gate
O-8	GB 112 006	Across Beaumont Trail 20m of its intersection with Moore Rd.	Cable/Gate
O-9	GA 101 962	Across unnamed trail 10m E of its intersection with Lorraine Rd.	Gate

#	GRID	LOCATION	TYPE
O-10	GB 107 025	Across unnamed trail that runs parallel to Range Oscar 15 (Pool North) 10m E of its intersection with the range entrance road.	Cable/Gate
O-11	GB 100 022	Across unnamed trail 20m S of the backstop berm on the right side of Range Oscar 15 (Pool North).	Cable/Gate
O-12	GB 093 028	Across Beaumont Trail 20m S of the backstop berm on the E side of Range Oscar 13 (Soto).	Cable/Gate
O-13	GB 075 026	Across unnamed trail on the E side of Range Oscar 9 (Pulaski).	Cable
O-14	GB 074 025	Across unnamed trail 30m S of the backstop berm in the center of Range Oscar 9 (Pulaski).	Cable
O-15	GB 071 025	Across unnamed trail 30m S of the backstop berm on the W side of Range Oscar 9 (Pulaski).	Cable
O-18	GA 093 979	800m N of Ware Rng Entrance on right side of Lorraine Rd	Gate

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Date Submitted: 10/29/2013

EMD Number: 1330204 **Project#:** Unknown **Project Title:** Buddy Team, Fire Team

Description of proposed action:

Units will conducting Live Fire Buddy Team /Fire Team Training with the M16/M4. PLEASE RUSH - TRAINING BEGINS ON 11/4/13

Project Location:

Booker North, Pool North

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

150

Type of Ammunition:

5.56mm Ball Live and Blank

Number/Types of Trees:

None

Size of Project Area:

Duration of Action: Start: 11/4/2013 Stop: 9/30/2014

Proponent: Ken Whitehead 706-544-6267

Organization/Unit: Range Operations

Number/Types of Vehicles:

Number of vehicles:5
Types of vehicles:Buses,LMTV,HMWV
No-Vehicles will be going off road.

****

DECISION: Concur with conditions

This Action is adequately covered in the Existing EA titled: 'Ongoing Mission and siting Activities, USAIC, FT. Benning, GA.'

(NA): Training involving LIVE FIRE and tracked vehicles has NO CATEX -- "Ongoing Mission and Siting Activities, USAIC, Ft. Benning, GA."

****

REC APPROVED THROUGH 30 SEPTEMBER, 2014

Natural Resources - RCW **Conditions:** **Michael Barron (706 544 7080), 10/29/2013**

See attached conditions. Note locations of red-cockaded woodpeckers (RCW) on attached maps. Training restrictions apply. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. Two hour time restriction is for 2 hours once every 24 hour period. Note where digging may not occur. All trenches, fighting positions, etc must be filled in prior to leaving an area. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s).

Noise **Conditions:** **Ellis Leeder (706 545 2400), 10/30/2013**

This is training operations request for training. If there is any operational noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding noise abatement areas. Please follow good smoke management practices not allowing smoke or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved CS gas sites. Please visit the Range Operations website to obtain a list of approved weapons per Range or Firing Points. . Leave the training areas, firing range, latrines in a clean condition; contact Range Operations if unclean conditions are found or clean up costs or cleaning endeavors by proponent could occur to last user. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19, range guidance and other materials for your range packet. This 144r must be present at the training site when occupying compartment or ranges.

EMD Number: 1330204 **IJO#** Unknown **Project Title:** Buddy Team, Fire Team

****

Hazardous Materials/Waste **Conditions:** **Carlos Ariasochoa (706 545 1857), 10/30/2013**

Considerations for Live Fire/Weapons Demonstration

1. Ensure personnel know the correct procedure for handling misfires at the range:

2. Closed containers (ammunition can marked 'MISFIRES") will be used for the collection of misfires at each firing range.

-The MISFIRE container will stay closed except to add or remove misfires.

-Misfires SHALL NOT BE COLLECTED in any open container or cardboard box.

3. Ensure that all containers for collection of patches and swaps are kept closed unless weapons cleaning products are being added.

4. Defective, misfired, or otherwise unserviceable munitions must be managed IAW/MCOE Reg.350-19-5-10, Para 9-2 (Proper management of Misfired munitions). All excess, munitions must be returned to the Ammunition Supply Point after the field exercise is completed. Rubbish, empty containers and other waste (including used smoke/C2 canisters) should be removed from the training area. A dud shall not be removed from the range; it will be marked, called into range control and will be properly disposed of by EOD personnel IAW/MCOE Reg. 350-19, 23 Jul 2010.

5. Any wastes generated must be evaluated for their hazardous characteristics and disposed of in accordance with all Federal, State and Fort Benning Hazardous Waste Regulations. Appropriate precautions must be taken to prevent hazardous material spills. Adequate quantities of spill response supplies must be on hand while work is being performed. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan. Contain and clean up any spill according to guidance provided by the Environmental Programs Management Branch. EPMB provides an 8 hours course covering Hazardous Materials/Waste Management, Hazardous Waste Minimization, Safety, and Pollution Prevention.

Cultural Resources - Archeological **None** **Edward Howard (706 545 1898), 10/30/2013**

CWA - Training **Conditions:** **Leah Ropski (706 626 0492), 10/30/2013**

Environmental Review: Caution within training areas and motor pools should be taken to protect all nearby waterways (including perennial, intermittent streams and wetlands); as well as ground surfaces and any other sensitive areas in the vicinity of the training areas. Potential spills/releases from this activity that may occur before and/or during the FTX include: 1. Discharge and/or improperly disposal of oil or hazardous substances into or upon land, water, or into ground water areas from storage, handling and/or transportation of hazardous materials/waste; 2. Vehicle/equipment/generators leaks; 3. Fuel loading/unloading/refueling operations; 4. Field mess facilities/equipment/operations, and/or 5. Ammunitions /explosives (as applicable, before and/or during the FTX).

General SPCC Requirements: Ensure all hazardous materials are properly storage to prevent spill/discharges, to meet safety requirements for storage, and that containers are not exposed to the weather. Have adequate spill response supplies available during exercise for any spills that may likely occur. Use drip pans under vehicles and provide secondary containment for any fueling activities and hazardous material/waste storage. Locate all refueling operations and storage of hazardous materials/waste away from waterways and sensitive areas. See attached section on prevention procedures and CHECKlist (Example Unit/Activity SOP for Training and Deployment) to be used during training exercise to comply with SPCC plan requirements. Ensure all wastewater from field mess equipment/operations particularly those involving oil/grease are collected and dispose properly. Do not discharge any wastewater into storm drains or dispose of oil/grease waste directly into land.

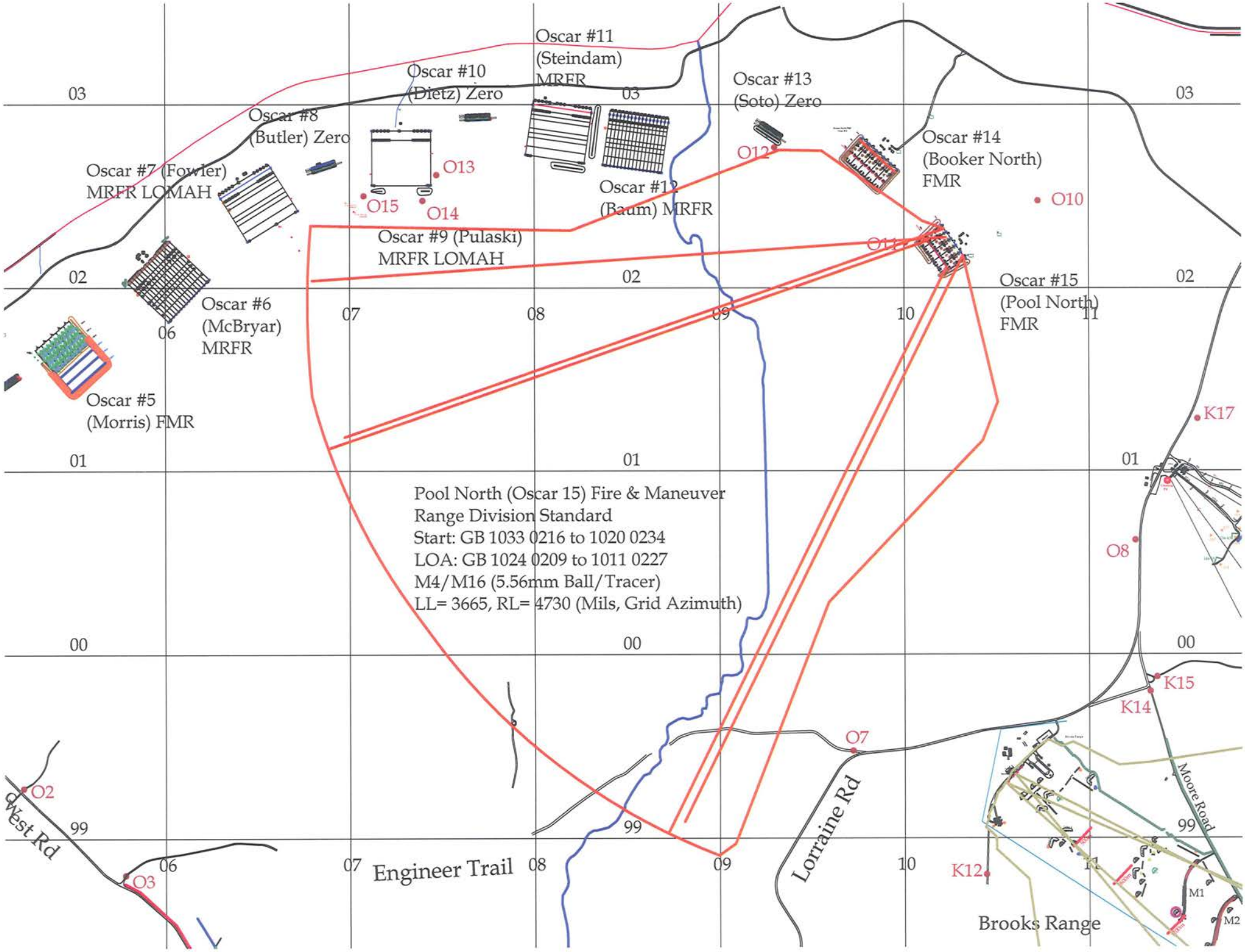
General ISCP Requirements: In the event of a spill/discharge -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained – REACT to minimize spill damages. Submit a spill report to the EPMB Spill Program Manager (use Spill Response Report attached). All spills reaching navigable water must be reported immediately. The unit is responsible for the final cleanup of any spill during this exercise. Coordination with this office is required for clearance of the site.

Signature John E Brown

John E Brown
NEPA Program Manager
Date 31 OCT 2013

Signature Chris Hamilton

Christopher E. Hamilton, PhD
EPMB Chief
Date 31 Oct 13


Oscar #11
(Steindam)
MRFR
Oscar #10
(Dietz) Zero
Oscar #13
(Soto) Zero
Oscar #8
(Butler) Zero
Oscar #14
(Booker North)
FMR
Oscar #7 (Fowler)
MRFR LOMAH
O13
O12
O10
O15
O14
Oscar #12
(Baum) MRFR
Oscar #9 (Pulaski)
MRFR LOMAH
O11
Oscar #15
(Pool North)
FMR
Oscar #6
(McBryar)
MRFR
Oscar #5
(Morris) FMR
K17
Pool North (Oscar 15) Fire & Maneuver
Range Division Standard
Start: GB 1033 0216 to 1020 0234
LOA: GB 1024 0209 to 1011 0227
M4/M16 (5.56mm Ball/Tracer)
LL= 3665, RL= 4730 (Mils, Grid Azimuth)
O8
K15
K14
O7
O2
West Rd
O3
Engineer Trail
Lorraine Rd
Moore Road
K12
M1
M2
Brooks Range
03
02
01
00
99
06
07
08
09
10
11