



# Quantico Shooting Club

## Range Standard Operating Procedures (Consolidated)

November 27, 2014

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Contents

Authorship and Record of Changes .....	5
Introduction.....	5
Section I. OIC/RSO Qualifications and Responsibilities .....	7
I.1 Requirements .....	7
I-2. Range Scheduling Procedures.....	7
I-3. Universal Range Checkout Procedures .....	8
I-4. Opening the Range .....	8
I-5. Operation of the Range/Conduct of firing.....	10
I-6. Closing the Range .....	12
Section II, Shooter Responsibilities.....	12
II-1. Shooter Qualifications .....	12
II-2. Shooter Responsibilities.....	13
Section III Emergency Procedures in Case of Injury.....	15
Injury Classifications .....	15
Step-by-step Procedures.....	15
Appendix A: Range 1 .....	17
Range Checkout Procedures .....	17
Opening the Range.....	17
Operation of the Range/Conduct of Live Firing.....	18
Closing the Range.....	19
Appendix B: Range 2 and Range 3 .....	21
Introduction.....	21
MEDIVAC Locations .....	21
Opening the Range.....	21
Operation of the Range .....	22
Closing of the Range.....	22
Use of metal targets .....	22
Appendix C: Range 4 .....	23
Introduction.....	23
MEDIVAC Locations .....	23

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

Opening the Range.....	23
Operation of the Range.....	24
Closing of the Range.....	24
Use of metal targets .....	25
Appendix D: Range 5/HRP.....	26
General Range Information.....	26
Special Instructions/Comments .....	27
Applicable Map Sheet.....	28
Facilities.....	28
Utilities Available.....	28
Installed Communications .....	28
Nearest MEDEVAC Landing Zones (LZ).....	28
Lasers Authorized.....	29
Communication Requirements.....	29
Appendix E: Re-qualification Pistol.....	31
General Range Information.....	31
Additional Range Information .....	31
Special Instructions/Comments .....	31
Applicable Map Sheet.....	32
Facilities.....	32
Utilities Available.....	32
Installed Communications .....	33
Nearest MEDEVAC Landing Zones (LZ).....	33
Lasers Authorized.....	33
Communication Requirements.....	33
Appendix F: Shotgun.....	35
Information .....	35
Range Uses.....	35
Weapons Accommodated .....	35
Ammunition Authorized.....	35
Targets/Simulators/Devices .....	35
Primary Direction of Fire.....	35

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

Range Use Restrictions/Comments.....	35
Facilities (Number of Each).....	36
Utilities Available .....	36
Installed Communications .....	36
Lasers Authorized.....	36
Available Days/Hours.....	37
Area Suitability .....	37
Geographical Data .....	37
Rules of Conduct for Trap and Skeet at the WTBN Shotgun Range.....	37
Rules of Conduct for .410 Revolver Skeet .....	38
Shotgun Range Specific Opening Procedures .....	39
Shotgun Range Specific Closing Procedures.....	40
Nearest MEDEVAC Landing Zones (LZ).....	41
Lasers Authorized.....	41
Communication Requirements.....	41
Appendix G: Mentoring Procedures .....	45

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Authorship and Record of Changes

Author	Change	Date	Notes
Pethtel, Rick	Original	5/15/2012	
Szmanski, Gene	Original	5/15/2012	
Harvey, Mark	Original	5/15/2012	
Hurst, Doug	Original	5/15/2012	
Jones, Richard	Original	5/15/2012	

## Applicable Directives

Directive	Change	Date	Notes
MCBO 8000.1C	1C	9/2/2014	
MCO 3570.1C	1C	1/30/2012	
DA PAM 385-6		4/16/2014	

# **Range Standard Operating Procedures**

Quantico Shooting Club, Inc. (QSC)

## **Introduction**

### **Purpose**

To provide procedures ensuring the safe conduct of recreational and match firing on all ranges operated by QSC.

### **Applicability**

This SOP applies to all members and guests of the Quantico Shooting Club, Incorporated (QSC) operating, participating in, observing, and visiting recreational rifle ranges by the QSC.

### **Organization**

This SOP is organized into 3 sections and 8 appendices. Section I addresses the responsibilities of the Officer in Charge (OIC) and Range Safety Officer (RSO) and generic (meaning they apply to all ranges) range requirements. Section II addresses the responsibility of shooters. Section III covers emergency procedures. The appendices address range specific requirements that must be followed to ensure safe range operation of that particular range. Covered in the appendices are areas such as range limits, restrictions, prohibitions, special and miscellaneous considerations. All QSC members of QSC operated recreational rifle ranges, whether OIC, RSO, shooter, observer must read, understand and comply with the requirements of all three sections and all appendices of this SOP.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Section I. OIC/RSO Qualifications and Responsibilities

### I.1 Requirements

- QSC OICs and RSOs must be adult QSC members in good standing.
- The following examinations must be passed:
  - United States Marine Corps Range Level 1 Safety Course
    - Proctored Exam
    - As of March 2012, this certification is valid for 3 years
  - Quantico Range Control – Range OIC/RSO Course
    - Online Course
    - As of March 2012, this certification is valid for 3 years
- QSC OICs and RSOs must possess and display the knowledge, skills, and attitude essential to organizing, conducting, and supervising safe shooting activities and range operations
- RSOs are expected to open, operate, and close ranges at least four times per year in order to remain proficient in QSC range operations.
- OICs and RSOs must understand the range SOP and be able to ensure compliance with the SOP by all participants.
- OICs and RSOs must be able to identify and consider risks associated with weather, terrain, environment, and number of shooters for the shooting event and be able to mitigate those risks.

### I-2. RSO Scheduling Procedures

- The Club Operations Officer will ensure QSC schedules ranges for recreational fire 30 days prior to requirements.
- RSOs desiring to operate a range must contact (email) the Club Operations Officer by 1200 on the Friday prior to the desired date and coordinate the use of the range.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## I-3. Universal Range Checkout Procedures

NOTE: In addition to these general requirements, the appendices give specific guidance for all ranges available to QSC.

- Every range available to QSC must have a dedicated RSO. With the exception of Range 1 (See Appendix A), a single OIC can be assigned to multiple ranges.
- Report to the WTBn S-3 or Officer of the Day (OOD) no later than ½ hour prior to the range's scheduled opening time. Identify yourself and draw the required range equipment. This equipment consists of:
  - With the exception of the Shotgun Range\*, a backpack for the range you intend to check out which will include:
    - 1<sup>st</sup> Aid Kit
    - Sufficient range flags for the range to be used the distances to be fired.
    - Range book containing this Range SOP
  - Sufficient Handheld Radios
  - Keys to open any checkpoints associated with the range to be checked out
- All equipment must be checked out using the RSO/OIC checklist and in the "Record" log in the S3/OOD.
- Ensure the radios remain on the Range Control (Channel 3) and WTBn (Channel 1) "Safety Net". No range operations will commence or continue without positive and uninterrupted radio contact with Range Control and the OOD. Radios for communication between the line and target areas are labeled with the correct channel to use.
- \* Range gear for the Shotgun Range is in the QSC Clubhouse

## I-4. Opening the Range

- The RSO/OIC and all shooters should familiar with the following common terms:
  - Red Blanket - Used for immediate communication of emergency/injury, gunshot wound, or life, limb, or sight.
  - Hot - The Range is conducting live fire.
  - Cold - All firing is completed and there will be no more firing.



# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Cease Fire - Command given on the firing line that lets shooters know to stop firing.
- Check Fire - Term used to temporarily stop firing with the intent to resume fire. The RSO must give an estimated duration and reason for the Check Fire. May be imposed by S-3/Range Control.
- Some of these terms will be discussed in more detail later
- The RSO/OIC must perform radio checks on all radios to be used before leaving the S-3/OOD parking lot. Make sure the battery indicator shows sufficient power to get through the entire schedule
- Make sure that either the RSO, OIC or both have sufficient cell phone power to get through the entire schedule. Cell phones are permitted as secondary communication only. If you have insufficient radio battery power, return to the S-3/OOD and exchange the radio or battery.
- Regardless of the range checked out, a radio check must be made with S-3/OOD every hour, on the hour, and with Range Control every ½ hour, on the hour and ½ hour.
- Upon arrival at the range, place flags as outlined in the appendices.
- Inspect the range to ensure it is safe to conduct live firing (see all appendices)
- Check the condition and cleanliness of the range. If problems exist, contact S-3/OOD and request an on-site inspection. It is imperative that QSC not be held responsible for the clutter and litter others leave.
- Place the two pit flags on the poles at each end of the target pit. These flags designate the extreme left and right lateral limits of the range.
- Provide a range safety briefing to all shooters. The range safety briefing must be conducted within view of the range. The briefing must contain, at a minimum:
  - RSO introduction
  - Purpose of the activity (i.e. safe recreational rifle fire)
  - Range layout and limits
  - Range safety rules
  - Firing line commands and accompanying actions expected of participants
  - Range prohibitions
  - Emergency procedures

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Using the radio tuned to channel 3, request, from Range Control, permission to go hot. Provide Range Control with the WTBn Live Fire Brief. You will be asked to provide certain information to range control as outlined on the QSC Live Fire Brief. This is not the safety briefing you will be required to give the shooters on your range, but rather more statistical information. The QSC Live Fire brief is available on the QSC web site, [www.quanticoshootingclub.com](http://www.quanticoshootingclub.com). Note the hot time on the Range Sign-in sheet or somewhere in your RSO notebook. Advise S-3/OOD of “Hot Time” given to you by Range Control.
- The RSO on duty is not permitted to shoot during the conduct of the range. The OIC, on the other hand, may shoot while on duty. In order to shoot, the RSO must change roles with the OIC by requesting Range Control approval. The newly approved RSO then becomes the RSO on duty. The RSO’s sole responsibility is to ensure safe operation of the range by focusing on and controlling the activities of the range. It goes without saying that this can only be accomplished when the range has a dedicate RSO and OIC on site.

## I-5. Operation of the Range/Conduct of Firing

- Guests:
  - MCBO 7010.1b states that Members may bring up to three guests per day to the Range. See the appendices for modifications to this normal practice.
  - All Members and their guests or observers must report to the Club House and obtain a daily range visitation pass before being allowed to shoot.
  - Members are fully responsible for their guests.
  - The inviting club member must be present with invited guest when the guest is on the firing line.
  - Each adult shooting guest must pay a daily guest fee each day he or she participates in recreational firing.
  - Guests will be introduced to the RSO by the sponsoring member.
- Firing line commands must be clear, concise, consistent, heard by all participants, understood, and followed. If you don’t have it in you to act immediately and forcefully to enforce safety rules, you’re encouraged to back out of the QSC RSO program.
- Anyone can call the command “**CEASE FIRE**” if observing an unsafe act. The following are the firing line commands and the expected accompanying shooters’ actions.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

**CEASE FIRE:** Upon hearing the command “**CEASE FIRE**”, all shooters will immediately cease firing; keeping muzzles pointed down range and await further instructions or commands from the RSO.

**CEASE FIRE, REMOVE YOUR MAGAZINES, OPEN YOUR ACTIONS, CLEAR YOUR CHAMBERS AND STEP BEHIND THE FIRING LINE:** Upon hearing these commands the shooter must render his firearm safe by keeping the muzzle pointed down range, opening the action, engaging the firearm’s safety, removing the firearm’s ammunition and ammunition source, physically and visually ensuring the firearm’s chamber is empty. With the firearms remaining at the firing line and muzzles pointed down range, shooters must move behind the firing line. If a firearm’s magazine is not removable, the shooter must ensure the magazine is empty. Once all range participants have moved behind the firing line, the RSO will check the chambers of all uncased firearms.

**NOTE:** CEASE FIRE is simply that, CEASE FIRE. It does not mean you can go forward of the firing line for any reason.

**THE FIRING LINE IS COLD.** When the line is declared cold, shooters may move forward of the firing line to effect changes. In some cases this will be to effect changes in the target area. In other cases it may mean repairing targets. See the appendices for the actions that can be performed on specific ranges when the firing line is cold.

Regardless of the range, **NO UNCASSED WEAPONS** will be handled when the line is cold.

The RSO must remain in the vicinity of the firing line while the line is cold to best assure the safety of the range. Once the RSO is satisfied that it is safe to resume firing operations, he will give commands in accordance with the type of firing involved.

Firearms may only be handled at the firing line and then only when the firing line is hot. Any shooters departing from the range may case firearms only when the line is hot and the firearms’ actions, chambers, and magazines are empty. All shooters must police their firing points and sweep those areas if necessary prior to departing the range.

- Any newly arrived and briefed shooters may uncase firearms only when the firing line is hot and then only at the firing line.
- To reiterate, while the range is open, a radio check must be made with S-3/OOD every hour, on the hour, and with Range Control every ½ hour, on the hour and ½ hour. The RSO must contact Range Control in the event of any emergency or in the case of any event for which assistance is required.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Again to reiterate, the RSO must always be physically present on the range in the most advantageous position to observe range activities and to ensure range safety.

## I-6. Closing the Range

- At the end of live firing the OIC/RSO must notify Range Control that firing has ceased and request a cold time. Note the cold time in writing in your RSO notebook and on the range sign-in sheet.
- Ensure the range has been properly policed and equipment stowed.
- Have S-3/OOD inspect the range. This will ensure that QSC is not blamed if subsequent users leave it in poor condition.
- The OIC/RSO will complete the “End of Training Report” and call it in via land-line or cell phone (**703-784-5321**) to **Range Control**. Range Control will ask specific questions about how much and what type of ammunition was fired, how many you had for “training”, etc. Be prepared to answer these questions.
- Return all equipment checked out from the S-3/OOD. Make sure the S-3/OOD or his representative physically checks each piece of equipment coming back to include radio serial numbers. Put all equipment back where you got it, backpack on its designated hook, radios in the cabinet, etc.
- Notify Range Control and S-3/OOD of any pertinent problems encountered during the operation of the range.
- All emergencies should be reported to the clubhouse attendant immediately by phone. Ultimately, all emergencies and serious incidents must be reported to the QSC’s BoD in writing. At a minimum provide date and time of incident, names of all involved, statement of circumstances surrounding the incident, a list of witnesses, and any action taken as the RSO.

## Section II. Shooter Responsibilities

### II-1. Shooter Qualifications

- Each shooter must be a QSC member in good standing or a guest accompanied by a QSC member in good standing. A valid and current QSC membership card is proof of membership in good standing.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Every shooter must possess the knowledge, skills, and attitude necessary to safely handle firearms.
- Each shooter must be authorized to be in control of and to shoot firearms.

## II-2. Shooter Responsibilities

- Everyone present at the range must report to the Club House and obtain a valid Range Visitation Pass. Regardless of the range, this visitation pass must be presented to the RSO immediately upon arrival at the range proper. For shotgun, which is co-located with the clubhouse, shooters should go immediately from the clubhouse and report to the RSO.
- All firearms must be cased when approaching the firing line/point. Firearms will only be uncased/cased at the firing point after permission from the RSO.
- Shooters must provide their own firearms, ammunition, targets, target backers, target stands, eye/ear protection, and any other shooting accessories.
- Shooters must constantly maintain muzzle awareness. Shooters must ensure the muzzles of their firearms are pointed down range at all times. Shooters must understand and implement the three fundamental rules for safe firearm handling:
  - **Always** keep the firearm pointed in a safe direction.
  - **Always** keep your finger off the trigger until ready to shoot.
  - **Always** keep the firearm unloaded until ready to use.
- Shooters must also understand and exercise the eight rules for using and storing a firearm:
  - Know your target and what is beyond.
  - Be sure the firearm is safe to operate.
  - Know how to use the firearm safely.
  - Use only the correct ammunition for your firearm.
  - Wear eye and ear protection.
  - Never use alcohol or drugs before or while shooting.
  - Store firearms so they are not accessible to unauthorized persons.
  - Be aware that certain types of firearms require additional safety precautions.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Shooters must aim and fire only at their targets. Shooters must understand the layout of the range and ensure bullets from their firearms are impacting only in authorized areas of the range.
- Target/target frames must be placed in a location essentially straight ahead and perpendicular from the firing point being used to eliminate crossfire and visual obstruction to targets on adjacent firing points.
- Shooters must know where other shooters and the RSO are at all times.
- Shooters are responsible for policing up their spent brass and other materials resulting from shooting.
- Smoking is not allowed on the firing line, in the shooting house, or downrange when installing, checking, pasting, or retrieving targets. The smoking area is in the parking lot or behind the ready line.
- Food and beverages are not allowed on the firing line.
- Use of eye and ear protection is required by all on the firing line when the line is hot.
- All vehicles must be parked in designated spots in the paved parking surface. Parking in numbered or lettered spaces is not permitted.
- Fully automatic fire is not allowed.
- Uncontrolled rapid fire is not allowed. All shots must be aimed.
- Target placement and restrictions on construction/materials are range specific. Please see the appropriate appendix for range restrictions.
- Firearms and cartridges allowed are range specific. Please see the appropriate appendix for range restrictions:.
- All shooters 12 to 17 years of age may only shoot under the direct supervision of a qualified adult.
- Only unloaded firearms are allowed to leave the range. Stuck cartridge cases and/or projectiles must be removed before the firearm can be cased and removed from the firing line (weapon must “show clear”).

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Consuming alcohol before and during shooting activities is not permitted.  
Consuming alcohol on the range at any time is not permitted.

## Section III. Emergency Procedures in Case of Injury

### Injury Classifications

Injuries are classified into the following categories in order to aid in casualty evacuation from the RTA.

- ROUTINE. Routine injuries are those injuries that are not threatening to life, limb or eyesight; and conditions or illnesses treatable by medication or procedures available at the base medical facilities.
- PRIORITY. Priority injuries are those injuries that require immediate medical attention but are not threatening to life, limb, or eyesight if treated promptly.
- URGENT. Urgent injuries are severe injuries that are threatening to life, limb, or eyesight and require immediate medical attention.
- MASS CASUALTY. A mass casualty is a series of injuries with multiple priority and urgent medical patients.

### Step-by-step Procedures

- Call/command “CEASE FIRE”.
- **EXTREMELY IMPORTANT:** If the emergency vehicle and EMT are called away from the QSC office to respond to an emergency situation, ALL other firing by personnel under the auspices of the QSC must IMMEDIATELY stop all range activity until the emergency vehicle and EMT are once again available at the QSC clubhouse.
- Assess the situation and determine the course of action. The RSO will begin the delegating of responsibilities such as:
  - No matter how minor the situation appears to be, call the QSC Emergency Medical Technician at the QSC clubhouse (703-463-8214) and explain the situation. Act on the advice of the EMT. If the EMT is dispatched, provide the best way for the EMT to get to the desired location.

# **Range Standard Operating Procedures**

Quantico Shooting Club, Inc. (QSC)

- If the injury appears to be more serious, phone/radio Range Control. The QSC EMT should be monitoring the Range Control radio channel. If the first call it to Range Control, the QSC EMT monitors the Range Control frequency and should be requested to respond as well.
  - Posting road guides for emergency personnel.
  - Directing people to render 1<sup>st</sup> Aid. Start the breathing, stop the bleeding, prevent or treat for shock.
  - Having another RSO qualified member render the range safe and to continually monitor and supervise the safe range.
  - Assign a note taker to follow him noting actions and times.
  - Segregate witnesses and obtain written statements regarding what they heard and saw.
- 
- After requesting medical personnel take charge of the victim, provide Range Control or Military Police a statement and assist in identifying witnesses.
  
  - After the situation is resolved, contact the QSC BoD with all pertinent information in the form of an after action report.

## **Section IV. Emergency Procedures in case of Violations of Marine Corps and Marine Corps Base Orders**



# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Appendix A: Range 1

It should be noted at the outset of this appendix, that all the generic range opening, operating and closing paragraphs of Section I of this SOP apply to Range 1.

### Range Checkout Procedures

- Range 1 requires a dedicated OIC and a dedicated RSO. The Range 1 OIC cannot be shared with any other range and must remain on the range while the range is hot.
- Report to the WTBn S-3 or Officer of the Day (OOD) no later than ½ hour prior to the range's scheduled opening time. Identify yourself and draw the required range equipment. This equipment consists of:
  - 1<sup>st</sup> Aid Kit
  - Two Handheld Radios
  - Two range pit flags and one firing line flag
  - Range 1 book containing the Range SOP
- Ensure the radios remain on the appropriate channels for Range Control and WTBn. No range operations will commence or continue without positive and uninterrupted radio contact with Range Control and the OOD.

### Opening the Range

- Upon arrival at the range, place the firing line flag on the pole attached to Shooting House 1
- Inspect the range to ensure it is safe to conduct live firing. Inspect the parking area, Shooting House 2, and the berms. Physically walk to the 150 yard line and scan the entire area to the 300 yard berm. This area is in defilade and is not observable from the vantage point of the shooting house/firing line.
- Check the condition and cleanliness of the range, including outside of the shooting house. If problems exist, contact S-3/OOD and request an on-site inspection. It is imperative that QSC not be held responsible for the clutter and litter others leave.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Place the two pit flags on the poles at each end of the target pit. These flags designate the extreme left and right lateral limits of the range.
- Setup the range sign-in area. Ensure each shooter completes the “Rifle/Pistol Sign-in” sheet.
- Provide a range safety briefing to all shooters.

## MEDEVAC Location

Range 1 Parking lot.

Send runner to Precision Weapons entrance to direct emergency medical vehicles and personnel

## Operation of the Range/Conduct of Live Firing

- Shooting House #2 has 21 firing points. The official firing points (delineated by the pit points) are 25 through 35.
- Handguns (when authorized) and shotguns firing multiple projectiles (#7 though buckshot) may only be shot on the last three points (far right away from the ballistic wall separating Range 1 from PWS).
- Targets must be placed so that projectile impact is beyond the 150 yard line. In order to contain splatter and ensure fired rounds will impact in the desired impact area, targets should be posted no lower than:
  - Prone: 24 inches above the ground plane
  - Sitting/Kneeling: 36 inches above the ground plane
  - Bench: 36 inches above the ground plane
  - Offhand: 36 inches above the ground plane
  - Pistol: 48 inches above the ground plane
- Firearms and cartridges allowed:
  - Rifles firing smokeless powder rifle cartridges up to NATO 7.62 Special Ball or equivalent (includes 30-06 and Soviet Bloc type cartridges).
  - Pistols firing allowable smokeless powder rifle cartridges.
  - Black powder rifles up to .75 caliber.
  - Rifles firing pistol cartridges.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Shotguns firing slugs and buckshot through #7 shot.
- If a shooter is going beyond the 150 yard line to place, check, paste or retrieve a target from the 300 yard berm, that shooter must notify the RSO. The shooter will place a traffic cone in front of their firing point. The area between the 150 yard line and the 300 yard berm is in defilade and is not observable from the firing line. The traffic cone in front of the firing point signals to all range participants that shooters remain down range. Upon returning from the 300 yard berm, the shooter must retrieve the traffic cone and remain behind the ready line.
- Everyone on the firing line, whether shooting or not, must use eye and double hearing protection (plugs and muffs).
- Firing line commands must be clear, concise, consistent, heard by all participants, understood, and followed. Anyone can call the command “**CEASE FIRE**” if observing an unsafe act. The following are the firing line commands and the expected accompanying shooters’ actions.
- If a shooter is going beyond the 150 yard line to place, check, paste, or retrieve a target from the 300 yard berm, that shooter must notify the RSO. The shooter will place a traffic cone in front of their firing point. The area between the 150 yard line and the 300 yard berm is in defilade and is not observable from the firing line. The traffic cone in front of the firing point signals to all range participants that shooters remain down range. Upon returning from the 300 yard berm, the shooter must retrieve the traffic cone and remain behind the firing line.
- Everyone on the firing line, whether shooting or not, must use eye and double hearing protection (plugs and muffs).

## Closing the Range

- At the end of live firing the OIC/RSO must notify Range Control that firing has ceased and request a cold time. Note the cold time on the “Rifle/Pistol Sign-in” sheet.
- Ensure the range has been properly policed and equipment stowed. Secure the 1<sup>st</sup> Aid kit, handheld radios, two range pit flags and one firing line flag, and the Range 1 book containing the Range SOP.
- Have S-3/OOD inspect the range. The OIC/RSO will complete the “End of Training Report” and call it in via land-line or cell phone (**703-784-5321**) to **Range Control**. Return to S-3/OOD and turn-in range equipment.

# **Range Standard Operating Procedures**

Quantico Shooting Club, Inc. (QSC)

- Notify Range Control and S-3/OOD of any pertinent problems encountered during the operation of the range.
- Annotate the amount and DODIC of the expended ammunition on the “Rifle/Pistol Sign-In” sheet. Drop off or place the sign-in sheet in the mail slot of the QSC Club House door.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Appendix B: Range 2 and Range 3

### Introduction

It should be noted for this appendix, that all the generic range opening, operating and closing paragraphs of Section I of this SOP apply to Ranges 2 and 3.

Ranges 2 and 3 are limited to 600 yards.

Both metal and paper targets may be used on Ranges 2 and 3. Metal targets will be discussed later in this appendix. The target area of Ranges 2 and 3 employs the use of mechanical target carriages. When using paper targets, personnel are required to be in the target area when using paper targets. This circumstance applies to ranges 2, 3 and 4. Again, special attention is required.

Access to the target area of Ranges 2 and 3 is through a tunnel that lies between the two ranges. This tunnel opens at the 100 yd line. It may be accessed without putting the adjacent range into a check fire.

### MEDIVAC Locations

100-600 Yards, Garand Road at 600 yds near the main Weapons Training Battalion parking lot.

### Opening the Range

When opening Ranges 2 and 3, in addition to all the other checkout procedures covered in Section I of this SOP, the RSO/OIC must check out additional radios if personnel are to man the target area and must also check out from one to three keys depending on the firing lines to be used.

The radios checked out for communication between the firing line and the target area will be set to channels as indicated on the radio. These radios are slightly different than the radios used for communication between the RSO and Range Control and the RSO and the S-3/OOD. They have yellow tape on the antenna and a legend of the channels to be used depending on the range employing them.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Operation of the Range

The actual operation of Ranges 2 and 3 is somewhat less complicated than other ranges. Briefly, we'll recap the contents of Section I-5 here.

When all shooters have assembled on the initial firing line, the RSO will give a range safety brief.

At this point, in most cases, the RSO will turn the remainder of the day over to the match director and concentrate on safety observation. In recreational firing, the RSO will continue performing the same duties as the match director.

If the RSO is to continue as the firing line officer, he will indicate the left and right lateral limits of the range as designated by the left most and right most target. He will remind shooters that regardless of the left and right lateral limits of the range, they are to shoot only on their assigned target.

He will indicate the definitions of a hot line, cease fire and a cold line. He will make certain that no one goes forward of the firing line except when he, the RSO, has declared a cease fire, checked that all weapons are clear and untouched, and further declared the line cold. Then and only then may shooters go forward of the firing line to police brass and/or perform a target area change.

## Closing of the Range

Closing Ranges 2 and 3 is pretty much a mirror image of opening Ranges 2 and 3.

All equipment checked out from the S-3/OOD will be returned and checked in with a Marine Corps representative. This includes the range specific backpack with flags, notebook and first-aid kit. He will turn in all radios and keys.

## Use of metal targets

QSC will not use metal targets on Ranges 2 and 3.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Appendix C: Range 4

### Introduction

It should be noted at for appendix, that all the generic range opening, operating and closing paragraphs of Section I of this SOP apply to Range 4.

Range 4 is unique mainly in the fact that it extends to 1,000 yards. The area between the 600 yard line and the 800, 900 and 1,000 yard lines is bisected by Garand Road. Making sure Garand Road is secure when firing beyond the 600 yard line requires special attention as will be shown below.

Both metal and paper targets may be used on Range 4. Metal targets will be discussed later in this appendix. The target area of Range 4 employs the use of mechanical target carriages. When using paper targets, personnel are required to be in the target area when using paper targets. This phenomenon applies to ranges 2, 3 and 4. Again, special attention is required.

Access to the target area of Range 4 requires access through a locked checkpoint.

### MEDIVAC Locations

100-600 Yards. Garand Road at 600 yds.

800, 900, 1,000 yards. MCB-4 behind the 1,000 yard line.

### Opening the Range

When opening Range 4, in addition to all the other checkout procedures covered in Section I of this SOP, the RSO/OIC must check out additional radios if personnel are to man the target area and must also check out from one to three keys depending on the firing lines to be used.

The radios checked out for communication between the firing line and the target area will be set to channels as indicated on the radio. These radios are slightly different than the radios used for communication between the RSO and Range Control and the RSO and the S-3/OOD. They have yellow tape on the antenna and a legend of the channels to be used depending on the range employing them.

If firing is confined from 100-600 yards, the only key needed by the RSO is the key to Checkpoint #7. Before proceeding through Checkpoint #7, the RSO must obtain clearance from Range Control. If there is firing taking place on the Re-qualification Pistol Range, that range must be placed in a check fire before proceeding through

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

Checkpoint #7. Re-qualification Pistol Range will remain in a check fire until the target area is “sealed.” The gate to Checkpoint #7 must never be left unlocked even if the period of visitation to the target area of Range 4 is to be brief. Once traffic through Checkpoint #7 has ceased and the target area is sealed, Range Control will be so advised and if required, the check fire of Re-qualification Pistol Range can be lifted.

When firing expands beyond 600 yards to 800, 900 or 1,000 yards, additional keys and procedures are required. In addition to the key to Checkpoint #7, the RSO must check out keys to Checkpoints #8 and #9. These are the keys to the locks on the gates that will close off Garand Road.

When RSOs are ready to secure Checkpoints #8 and #9, they inform both the S-3/OOD and Range Control that they are doing so. They can lock the gates in the order that is most efficient for their operation and safety and will post range flags on the flag poles provided at both checkpoints.

## Operation of the Range

The actual operation of Range 4 is somewhat less complicated than other ranges. Briefly, we’ll recap the contents of Section I-5 here.

When all shooters have assembled on the initial firing line, the RSO will give a range safety brief.

At this point, in most cases, the RSO will turn the remainder of the day over to the match director and concentrate on safety observation. In recreational firing, the RSO will continue performing the same duties as the match director.

If the RSO is to continue as the firing line officer, he will indicate the left and right lateral limits of the range as designated by the left most and right most target. He will remind shooters that regardless of the left and right lateral limits of the range, they are to shoot only on their assigned target.

He will indicate the definitions of a hot line, cease fire and a cold line. He will make certain that no one goes forward of the firing line except when he, the RSO, has declared a cease fire, checked that all weapons are clear and untouched, and further declared the line cold. Then and only then may shooters go forward of the firing line to police brass and/or perform a target area change.

## Closing the Range



# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

Closing Range 4 is pretty much a mirror image of opening Range 4. The RSO is responsible for calling Range Control to get target pullers through Checkpoint #7 and asking that Re-qualification Pistol into a check fire if required.

Once all personnel have cleared the target area and Checkpoint #7 is secured, the RSO will again inform Range Control so they can take action as necessary.

If firing has taken place beyond the 600 yard line, the RSO will inform Range Control and the S-3/OOD when both Checkpoint #8 and Checkpoint #9 have been re-opened.

All equipment checked out from the S-3/OOD will be returned and checked in with a Marine Corps representative. This includes the range specific backpack with flags, notebook and first-aid kit. He will turn in all radios and keys.

## Use of metal targets

Metal targets may be used on Range 4 under the following circumstances.

- There must be no one firing on Range 3 or Re-qualification pistol.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Appendix D: Range 5/HRP

Range 5 is an active, small arms, live-fire range located at Grid 89236802. It is accessible from Willis Road. It is a range complex consisting of four individual shooting bays. Bay 1 consists of 12 target stands for paper targets and 2 steel head plate racks. Bay 2 consists of 14 steel chest plates. Bay 3 is a mock-up of an urban area and has a pneumatic target system. Bay 4 is an individual 25 meter square bay.

Primary Use: Primary use of Range 5 is to support the training and competition of the Marine Corps Combat Shooting Team.

Alternate Uses: Basic weapons instruction and short range qualification.

**DOWN RANGE MOVEMENT INTO THE IMPACT AREA (BEYOND THE IMPACT BERM) IS PROHIBITED**

### General Range Information

Number of Firing Points: Multiple. The number of weapons that can be fired from the firing line at once will depend on the type of weapon system, its size and the space needed to safely operate it.

Weapons authorized:

- Service Rifle
- Service Shotgun
- Pistol
- Foreign Weapons

Ammunition authorized:

- .22cal (All)
- 5.56mm (All)
- Shotgun (All)
- 7.62mm (All)
- Pistol (All)
- Special Effects Small Arms Marking System (SESAMS)

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## List of Useful Ammunition DODICs

RIFLE		CI19	22-250	CI31	.32 Cal
CI00	6mm	CI20	30-40 Krag	CI32	.380 ACP
CI01	7mm	CI21	45-70	CI34	.22 LR
CI02	7mm-08	CI22	.45 Long Colt	CI33	.357 Mag
CI03	7mm Mag	CI24	.50 Cal Ball Civ	CI35	.22 Short
CI04	8mm Mag	CI34	.22 Short	CI36	.22 Mag
CI05	.300 Win Mag	CI41	.338 Cal	CI37	10mm
CI06	.300 Weatherby Mag	CI42	.470	CI38	9mm
CI07	7.62mmX51 Civilian	CV51	308 Match	CI39	.25 Cal
CI08	30-06	CI43	.50 Cal Black	CI40	.224 Cal
CI09	30-30 Win	CI44	.54 Cal Black	CI45	.410 Gauge
CI10	30 Cal	PISTOL		CI51	9mm Hydro Shock
CI11	25-06	CI22	.45 Long Colt	SHOTGUN	
CI12	.270 Win	CI23	.45 Auto	CI45	.410 Gauge
CI13	.243 Win	CI25	.44 Mag	CI46	20 Gauge
CI14	.222 Rem	CI26	.41 Cal	CI47	12 Gauge
CI15	.220 Swift	CI27	.40 Cal	CI48	10 Gauge
CI16	5.56 Civilian	CI28	.454 Cal	CI49	16 Gauge
CI17	7.62X39 Civilian	CI29	.50 Cal	CI57	28 Gauge
CI18	7X57mm	CI30	.38 Cal		

Targets: As described above.

### Special Instructions/Comments

1. Using unit will check-in with WTBn S-3 and receive range brief and radios prior to occupying the range.
2. Red range flag is placed on the pole next to the range entry point. Red flashing light will be used for night firing.
3. The only SDZs to be used are those included as enclosures to this binder. There shall be no deviations from or modification to the approved SDZs.
5. Range 5 will only support static engagements. Fire and Movement or Fire and Maneuver are not authorized. The only exception is firing on the move to support the execution of the Marine Corps Combat Marksmanship Program Table 2-4 Short range engagements.
6. Automatic fire is not authorized on Range 5.
7. Steel targets are authorized on Range 5 in accordance with the Safety of Use Memorandum (SOUM) for steel targets.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

8. The RSO must be physically present on the range at all times during live fire training and events.
10. There will be no personnel on adjacent ranges forward of the targets on Range 1. This must be coordinated through the adjacent range and WTBn S-3 via radio communication.
11. Personnel will not occupy any portion of the SDZs unless they are protected by artificial barriers. Any personnel located in the pits will remain on the catwalk while firing takes place.
12. Strict inter-range and intra-range coordination and communication will be exercised to ensure personnel are not exposed to direct weapons fire or ricochet hazards.
13. All four bays may be active at the same time.

## Applicable Map Sheet

All grid coordinates listed in this order apply to the Quantico Military Installation Map V734S Edition 2-NIMA 1:50000.

## Facilities

Towers: 1 Used for the pneumatic targets in Bay 3.  
Bleachers: 1 (Bay 1)  
Sheds: 1  
Ammo Breakdown table: 1  
Parking: Limited

## Utilities Available

Electricity: None  
Lights: None  
Water System: None

## Installed Communications

None

## Nearest MEDEVAC Landing Zones (LZ)

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

Range 3 at 8782067641  
Distance to R3: 0.5 miles

Directions: Exit Range 5, turn right on Willis Rd and go approx 1/4 mile, turn right on to Garand Rd. Range 3 will be on the right.

## Lasers Authorized

Standard issue targeting lasers (class 3a or lower) attached to weapon.

## Communication Requirements

1. A radio check is required immediately upon occupying the RTA.
2. Units will monitor the Range Operations Control Center (ROCC) and WTBn Safety Nets at all times. The ROCC Fire Desk Net Control call sign is "Range Control". The WTBn call sign is "S-3". Your call sign is "WTBn Range 5".
3. The ROCC Fire Desk Net Control frequencies are 38.70 VHF (ground) and 339.6 AM UHF (air).
4. The ROCC Fire Desk telephone numbers are 703-784-5321 or 5322. The WTBn S-3 telephone number is 703-784-5095.
5. Two means of communications are required between the using unit and the ROCC. While aboard the WTBn range complex, communication through the WTBn safety net is considered a second form of communication.
6. A radio will be the primary means of communication. Enterprise Land Mobile Radio (ELMR) radios compatible with the ROCC Safety Net will be used by all units.
7. Any unit with organic ELMR radios that have been programmed with the ROCC Safety Net by MCBQ G6 will use these radios as their primary means of communication within the RTA. Units will still need a WTBn radio.
8. Units without organic ELMR assets will be issued equipment from WTBn S-3 upon check-in.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

9. Non-ELMR radios are only authorized when organic or RMB assets are not available and must be provided by the using unit.
10. A radio or telephone (land line/cellular) may be used as the secondary means of communication.
11. The secondary means of communication must also be monitored at all times.
12. At any time that the ROCC cannot reach a unit within the RTA via primary communication, the unit will be contacted via the secondary means of communication.
13. Upon the loss of primary communication the ROIC/RSO will initiate a "cease fire"/cease training status and will contact the ROCC via secondary communication. This communication will be maintained while primary communication is being restored. Units may only resume firing/training once primary communication has been re-established and clearance is granted by the ROCC.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Appendix E: Re-qualification Pistol

Requal Pistol is an active, small arms, live-fire known distance range. It is accessible from Willis Road. Requal Pistol has 50 firing points and firing distances from 7 to 50 yards.

Primary Use: The primary purpose is the execution of the Marine Corps Combat Marksmanship Program and Entry Level Marksmanship Training for students TBS and Annual Pistol Training for personnel assigned to the National Capital Region.

**DOWN RANGE MOVEMENT INTO THE IMPACT AREA (BEYOND THE IMPACT BERM) IS PROHIBITED**

### General Range Information

Number of Firing Points: 50

Weapons authorized: Pistol

Ammunition authorized: Pistol (All)

Targets: Targets on Competition Pistol will be placed in the target carriages. Targets are limited to paper, wood, and plastic.

### Additional Range Information

### Special Instructions/Comments

1. Using unit will check-in with WTBn S-3 and receive range brief prior to occupying the range.
2. Red range flags will be placed on the poles on either side of the firing lines being used.
3. The only SDZs to be used are those included as enclosures to this binder. There shall be no deviations from or modification to the approved SDZs.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

4. Requal Pistol will only support static engagements. Fire and Movement or Fire and Maneuver are not authorized. The only exception is firing on the move to support the execution of the Marine Corps Combat Marksmanship Program.
5. Personnel will only enter the downrange area when authorized by the RSO.
6. Steel targets are not authorized on Requal Pistol.
7. The RSO will be physically present on the range at all times during live fire training and events. The OIC must be physically on the WTBn range complex and must maintain radio contact with the RSO at all times.
8. There will be no personnel on adjacent ranges forward of the targets on Competition Pistol.
9. Strict inter-range and intra-range coordination and communication will be exercised to ensure personnel are not exposed to direct weapons fire or ricochet hazards.
10. Double hearing protection is required when firing from the 25/50 yard line.

## Applicable Map Sheet

All grid coordinates listed in this order apply to the Quantico Military Installation Map V734S Edition 2-NIMA 1:50000.

## Facilities

Towers: 0  
Bleachers: 0  
Sheds: 0  
Ammo Breakdown table: 1 (Ready Bench)  
Parking: Limited

## Utilities Available

Electricity: Yes  
Lights: None  
Water System: None



# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Installed Communications

Yes

## Nearest MEDEVAC Landing Zones (LZ)

Range 3 at 8782067641

Distance to R3: 0.5 miles

Directions to R3: Exit range using Willis road. Make a right on Garand road. LZ located between the 500 and 600 yard lines.

## Lasers Authorized

Standard issue targeting lasers (class 3a or lower) attached to weapon.

## Communication Requirements

1. A radio check is required immediately upon occupying the RTA.
2. RSO/OIC will monitor the Range Operations Control Center (ROCC) and WTBn Safety Net at all times. The ROCC Fire Desk Net Control call sign is "Range Control". The WTBn call sign is "S-3". Your call sign is "Requal Pistol".
3. The ROCC Fire Desk Net Control frequencies are 38.70 VHF (ground) and 339.6 AM UHF (air).
4. The ROCC Fire Desk telephone numbers are 703-784-5321 or 5322. WTBn S-3 Telephone number is 703-784-5909.
5. Two means of communications are required between the RSO/OIC and the ROCC. While aboard the WTBn range complex, communication through the WTBn safety net is considered a second form of communication.
6. A radio will be the primary means of communication.
7. A radio or telephone (land line/cellular) may be used as the secondary means of communication.
8. The secondary means of communication must also be monitored at all times.

# **Range Standard Operating Procedures**

Quantico Shooting Club, Inc. (QSC)

9. Upon the loss of primary communication the RSO/OIC will initiate a "cease fire"/cease training status and will contact the ROCC via secondary communication. This communication will be maintained while primary communication is being restored. The RSO/OIC may only resume firing/training once primary communication has been re-established and clearance is granted by the ROCC.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Appendix F: Shotgun

### Information

Description: Shotgun Range  
Status: Active  
Location: 8840567467  
Number Firing Points: 42 points over 6 fields (4 Skeet, 2 Trap)

### Range Uses

Primary Use: Skeet and Trap Shooting  
Alternate Uses: None

### Weapons Accommodated

Shotgun Shotgun revolvers

### Ammunition Authorized

Shotgun (Birdshot only, 7 ½, 8 and 9 shot, see chart below.)

### Targets/Simulators/Devices

Clay pigeons only

### Primary Direction of Fire

Northwest

### Range Use Restrictions/Comments

Shotgun birdshot no larger than #7 ½ is the only ammunition allowed on the range.  
Maximum loads are:

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

Gauge	Ounces Lead	Grains Standard	Grains Maximum
12	1.125	492.2	507
20	.875	382.8	394
28	.75	328.1	338
.410	.5	218.8	229

## List of Useful Ammunition DODICs

SHOTGUN	
CI45	.410 Gauge
CI46	20 Gauge
CI47	12 Gauge
CI48	10 Gauge
CI49	16 Gauge
CI57	28 Gauge

## Facilities (Number of Each)

Towers: 5  
Sheds: 1, covered  
Ammo Breakdown: 1  
Parking: Yes  
Description of Other Structures: None

## Utilities Available

Electricity: No  
Lights: No  
Water System: None

## Installed Communications

PA

## Lasers Authorized

None

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Available Days/Hours

350/All

## Area Suitability

## Geographical Data

Access Routes: MCB 4  
Soil Type: Dirt  
Terrain Type: Small rolling hills  
Vegetation: Grass

## Rules of Conduct for Trap and Skeet at the WTBN Shotgun Range

- The games of Trap and Skeet shall be played according to the rules illustrated in the official rules and regulations of the appropriate governing authority for the varying disciplines of each sport. (I.E. American Skeet, American Trap, International Trap, etc.)
- The game shall be played with Shotguns only. No shooters with Revolvers will be allowed to share a field with shooters employing Shotguns.
- All weapons must be out of battery with the chambers clearly visible to the RSO until the shooter is on the shooting station and preparing to load rounds and call for the target(s).
- The shooter must clear the weapon, removing any expended or unexpended rounds from the chamber(s), and leaving it out of battery prior to stepping off of the shooting station.
- Only one shooter may occupy a shooting station at any moment in time. If instruction is being given to the shooter, the instructor cannot be in possession of a weapon.
- In shooting Skeet, only one shooting station on each field may be occupied at any moment in time. All five Trap shooting stations may be occupied, but only one shooter is permitted to fire at one time.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- One (1) RSO is required for all 4 skeet fields, which includes the American Trap field when any of the other 3 skeet fields are in use. An additional RSO is required when the International Trap field is used concurrently with any of the other fields.
- The OIC may or may not be present on the Skeet Range, but must be present within the Calvin A. Lloyd Complex. The OIC must be different from and in addition to the OIC that may be present on Range 1.
- Any Shooter or observer can call a Cease Fire at anytime. The RSO can remove the Cease Fire Status at his/her discretion.
- Only the RSO and Range Control can call a Check Fire, which will cause a Cease fire to occur throughout the Range. If the Range RSO initiates the Check Fire Status, he/she must notify Range Control of the Check Fire status and the reason for same. The Range will then remain in Check Fire Status until the RSO receives permission from Range Control to again put the range into HOT status.
- In the case of a stoppage, malfunction, squib round or misfire, immediately notify the RSO, call a Cease Fire for the field, and allow the RSO to supervise the inspection, correction or unloading of the weapon.
- No more than 5 shooters can occupy a trap field, and no more than 6 shooters can occupy a skeet field when shotgun firing is in progress.

## Rules of Conduct for .410 Revolver Skeet

- The game shall be fired in accordance with the rules illustrated in the National Skeet Shooting Association (NSSA) Official Rules and Regulations, revised 2009, with the exceptions listed below.
- The game shall be fired with Revolvers only. No shooters with Shotguns will be allowed to share a field with shooters employing Revolvers.
- All weapons must be out of battery with the chambers clearly visible to the RSO until the shooter is on the shooting station and preparing to load rounds and call for the target(s). The cylinders of the Revolvers must be disengaged from the frame and clearly unloaded and visible to the RSO.
- No holsters or other revolver “containers” will be allowed on the field of fire. The Revolvers cannot be loaded, put into battery and then “stowed” in any fashion. They must remain clearly visible and gripped with one or two hands once in battery.
- The shooter may use a one-hand or two-handed grip when discharging the weapon. The Revolver may be at “raise pistol” or in a fully extended firing position prior to calling for the target(s). The shooter may employ double action or single action firing procedures.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- The shooter must clear the weapon, removing any expended or unexpended rounds from the chamber(s), and leaving it out of battery prior to stepping off of the shooting station. The revolver is considered safe & out of battery if the cylinder is disengaged from the frame and at least three fingers can be inserted between the frame and the cylinder.
- Only one shooter may occupy a shooting station at any moment in time. If instruction is being given to the shooter, the instructor cannot be in possession of a weapon.
- Only one shooting station on each field may be occupied at any moment in time.
- One (1) RSO is required for all 4 skeet fields. In addition, each squad of .410 Skeet shooters must have a dedicated Position Safety Officer (PSO) accompany them throughout the game. Each field of play must have a dedicated PSO. Therefore, if all four fields are occupied with .410 shooters (a maximum of 24 shooters), there must be one (1) RSO and four (4) ROs present on the Skeet Range.
- The OIC may or may not be present on the Skeet Range, but must be present within the Calvin A. Lloyd Complex. The OIC must be different from and in addition to the OIC that may be present on Range 1.
- Any Shooter or observer can call a Cease Fire at anytime. The RSO can remove the Cease Fire Status at his/her discretion.
- Only the RSO and Range Control can call a Check Fire, which will cause a Cease fire to occur throughout the Range. If the Range RSO initiates the Check Fire Status, he/she must notify Range Control of the Check Fire status and the reason for same. The Range will then remain in Check Fire Status until the RSO receives permission from Range Control to again put the range into HOT status.
- In the case of a stoppage, malfunction, squib round or misfire, immediately notify the RSO, call a Cease Fire for the field, and allow the RSO to supervise the inspection, correction or unloading of the weapon.
- No more than 6 shooters can occupy a field for purposes of firing a game of .410 Skeet with Revolvers.

## Shotgun Range Specific Opening Procedures

- There are four (4) electrical boxes that contain two (2) circuit breakers each. The box closest to the clubhouse, behind station 4 on Field 2, provides electricity to the Field 1 traps and house lights, while the box next to it provides electricity to the Field 2 traps & house lights. The electrical box behind station 4, Field 3 provides electricity to the Field 3 traps and house lights, and the box behind station 4, Field 4, provides electricity to the Field 4 traps and house lights. The

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

circuit breakers in each box must be turned on for each field to become operational.

- Once the outside circuit breakers have been turned on, the circuit breakers and light switches in each house must be turned on. In order to activate the Traps, the switch on top of the Trap housing behind the magazine must be switched on (switch position for “on” is forward toward the magazine).
- The magazine should then be checked to make sure enough targets are loaded so that a squad of six (6) players can shoot one game without running out of targets. Each Trap magazine will hold 77 targets when the throwing arm is in the de-cocked position.
- Open the door in front of each Trap. The door must be secured in the open position in order to avoid an accidental closing in the middle of a game.
- The Remote Triggering Device, or “pickle,” and its extension cord, is located on a reel inside the High House for each field. Place the pickle at the High House, un-reel the extension cord, and insert the male plug in the receptacle behind station 4. Return to the pickle and push the “doubles” button to assure that the traps are throwing the targets correctly.

## Shotgun Range Specific Closing Procedures

- In general, the closing process is the reverse of the opening process with two exceptions:
  - Once the Trap machine is turned off, and prior to closing the Trap door, the trap needs to be de-cocked (unloaded) so that the throwing arm spring becomes relaxed. The procedure is to stand behind the Trap machine and pull the lever on the left side of the Trap machine back and up.
  - Reload the magazine for each trap and police the range, picking up all trash and expended casings.
- All light switches and circuit breakers must be in the “off” position, circuit breaker boxes and Trap house doors closed, and pad locks secured.



# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Nearest MEDEVAC Landing Zones (LZ)

.29 Miles (Range 4 700 yard line)

Directions: Exit Shotgun Range, turn right on MCB-4, turn right on Willis Rd, turn left on Garand Road (next gate) and go approx 200 yds. Turn left onto Range 4. LZ is open grassy area.

If Range 4 is hot, it will go cold for the medevac. Alternate LZ will be on the Shotgun Range itself.

## Lasers Authorized

Standard issue targeting lasers (class 3a or lower) attached to weapon.

## Communication Requirements

- A radio check is required immediately upon occupying the RTA.
- Units will monitor the Range Operations Control Center (ROCC) and WTBn Safety Nets at all times. The ROCC Fire Desk Net Control call sign is "Range Control". The WTBn call sign is "S-3". Your call sign is "Shotgun Range".
- The ROCC Fire Desk Net Control frequencies are 38.70 VHF (ground) and 339.6 AM UHF (air).
- The ROCC Fire Desk telephone numbers are 703-784-5321 or 5322. The WTBn S-3 telephone number is 703-784-5095.
- Two means of communications are required between the using unit and the ROCC. While aboard the WTBn range complex, communication through the WTBn safety net is considered a second form of communication.
- A radio will be the primary means of communication. Enterprise Land Mobile Radio (ELMR) radios compatible with the ROCC Safety Net will be used by all units.
- Any unit with organic ELMR radios that have been programmed with the ROCC Safety Net by MCBQ G6 will use these radios as their primary means of communication within the RTA. Units will still need a WTBn radio.

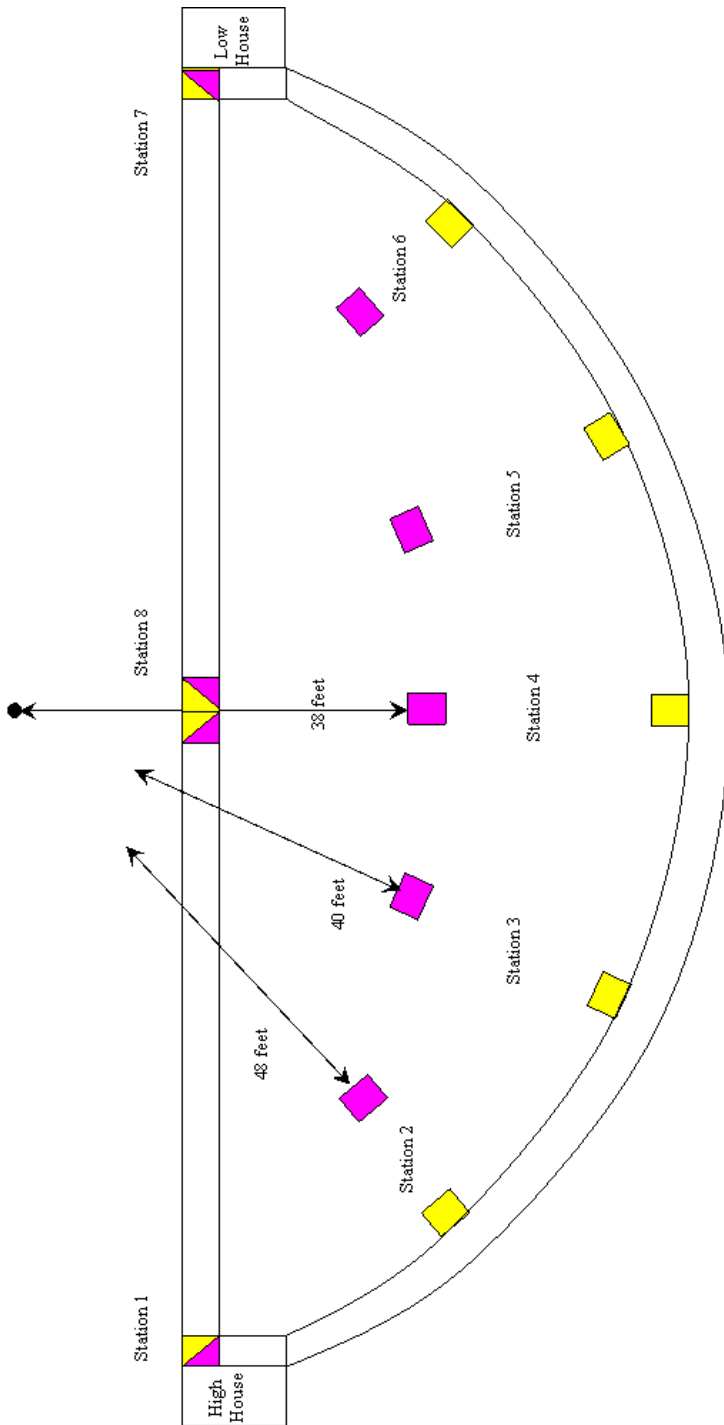
# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

- Units without organic ELMR assets will be issued equipment from WTBn S-3 upon check-in.
- Non-ELMR radios are only authorized when organic or RMB assets are not available and must be provided by the using unit.
- A radio or telephone (land line/cellular) may be used as the secondary means of communication.
- The secondary means of communication must also be monitored at all times.
- At any time that the ROCC cannot reach a unit within the RTA via primary communication, the unit will be contacted via the secondary means of communication.
- Upon the loss of primary communication the ROIC/RSO will initiate a "cease fire"/cease training status and will contact the ROCC via secondary communication. This communication will be maintained while primary communication is being restored. Units may only resume firing/training once primary communication has been re-established and clearance is granted by the ROCC.

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

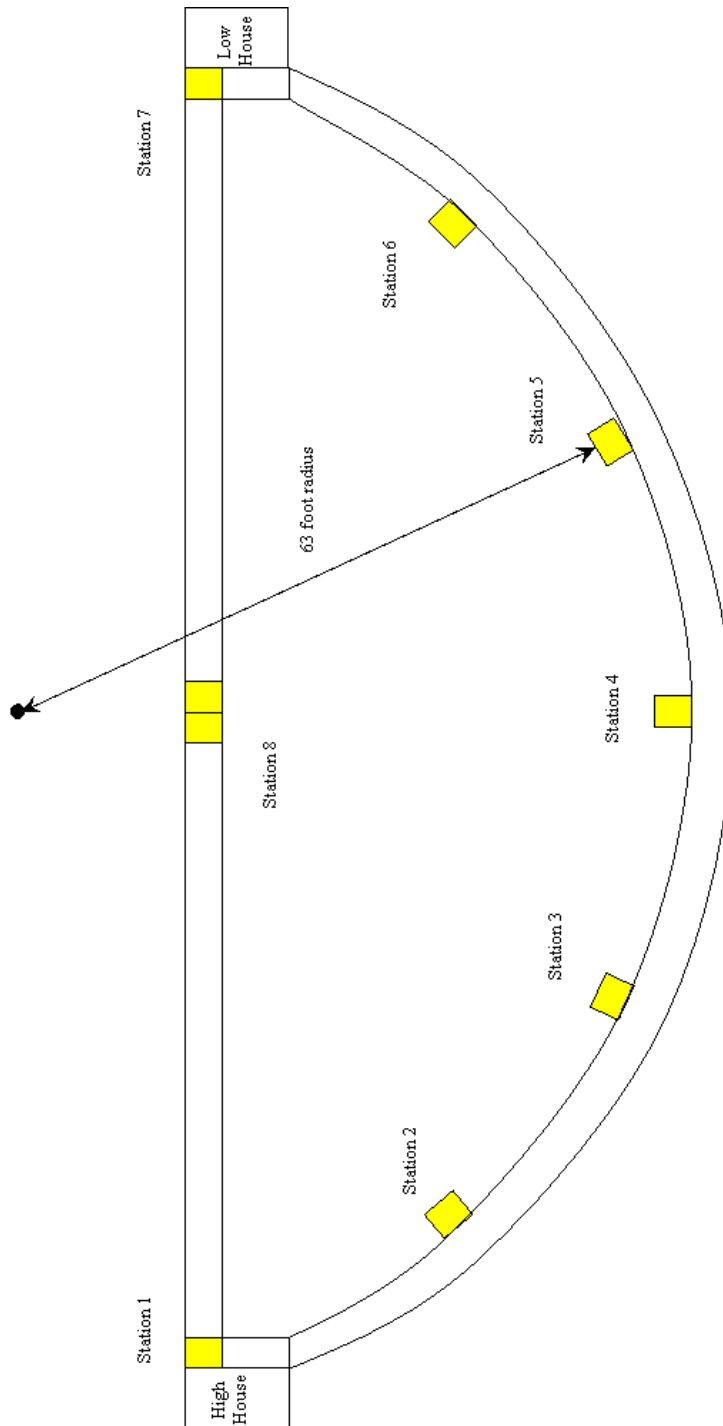


**Standard Skeet Field layout per section 1 -  
C-1 of the National Skeet Shooting  
Association Official Rules and Regulations,  
revised 2009,  
Modified to play .410 revolver Skeet Game**

**Appendix B**

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)



Standard Skeet Field layout per section  
1-C-1 of the National Skeet Shooting  
Association Official Rules and  
Regulations, revised 2009.

Appendix A

# Range Standard Operating Procedures

Quantico Shooting Club, Inc. (QSC)

## Appendix G: Mentoring Procedures

Mentoring on a range is absolutely essential before a new RSO will be allowed to checkout that range as the assigned RSO. A new RSO must be mentored on each range he/she wishes to checkout. For example, mentoring on Range 1 allows the checking out of Range 1. If you've only been mentored on Range 1, you cannot check out Range 4.

The following are the requirements to be certified as having been mentored on a range:

- Must view the Range Checkout video available on the club web site [www.quanticoshootingclub.com](http://www.quanticoshootingclub.com) and [www.qshooting.com](http://www.qshooting.com).
- Must read the Range Safety SOP to include the generic section, emergency medical section, range specific section and this section on mentoring.
- Must arrive on or before the assigned RSO checks out the range starting at the S-3/OOD office, remain through the entire shooting schedule and not leave until the range has been completely checked in
- Must undergo a random simulated medical emergency at any time during the days shooting.
- May or may not be allowed to shoot at the mercy of the assigned RSO (not recommended).
- The RSO must feel that you are fully capable of checking out the designated range.
- The RSO will complete a certificate and award a certificate indicated the range you were mentored on.