

BCF&G Outdoor Marksmanship: 2016



A guide to outdoor match/competition/qualification programs at Bucks County Fish and Game, 2016

Index:

Page 1:	Index
Page 2:	2016 schedule of events
Pages 3 to 5:	CMP matches
Pages 6 to 9:	Swiss rifle qualification
Pages 10 to 11:	Swiss pistol qualification
Pages 12 to 13:	Special matches and events
Pages 14 to 16:	New this year: 3-Gun matches

2016 Schedule of Events:

- January 30th:** CMP rifle match
- February 27th:** CMP rifle match
- March 26th:** CMP and Swiss rifle shoot
- April 23rd:** CMP rifle shoot:
- April 30th:** Swiss rifle/pistol qualification
- May 8th:** 3-gun match # 1, range closed 11 AM to 5:30 PM
- May 28th:** CMP and Swiss rifle/pistol shoot:
- June 12th:** 3-Gun match # 2, range closed 11 AM to 5:30 PM
- June 25th:** CMP and Swiss rifle shoot:
- July:** **No matches (Camp Perry)**
- August 27th:** CMP match and Swiss rifle match
- 18 September:** Three gun match # 3, range closed 11 AM to 5:30 PM
- September 24th:** CMP and Swiss rifle/ **pistol** shoot:
- October 9th:** Three gun match # 4, range closed 11 AM to 5:30 PM
- October 22nd:** CMP Presidents match/Strand match/ Swiss rifle match
CMP: 30 shot, irons sight only match
Scandinavian match
Swiss rifle match
- November 12th:** CMP and Swiss rifle/**pistol** shoot:
- December 10th:** M1 Garand championship, Swiss vs. German Mauser match
CMP M1 grand championship: followed by
Swiss-Mauser rifle challenge match
CMP/Swiss shooters luncheon

CMP Matches



Our CMP matches go back to February of 1988, when the very first club match was run. We shoot the National Match Course of fire (NMC). Although any rifle can be used, the primary arm of choices are the AR15, M1A, M1 Garand or the superlative Lee Enfield No 4. The details of our program are on the following pages:

New to 2016 are the CMP/NRA rule changes. The significant ones are as follows:

- 1) No shooter alibies. If the shooter cannot load their rifle or fails to get the required number of rounds off in the time allotted, they must accept the score fired.
- 2) On AR-15 rifles you may use the regular military sights or an optic of 4.5 power (Max) in the service rifle category. The optic (if used) may have any variety of reticle.
- 3) An AR-15 service rifle can be adapted with a length adjustable buttstock, a barrel between 16 and 20 inches, with nonmilitary forends allowed. The pistol grip must remain an A1 or A2 model. No flash hider is required, but any pattern may be used.
- 4) A match bolt release that is accessible through the trigger guard may be installed.
- 5) NO muzzle compensators that amplify noise level to other shooters can be used.
- 6) None of these rule changes apply to the M1 and M14 rifles.

BCF&G CMP/NRA rifle match Rules:

Match location (physical location): 1745 Turk Road, Doylestown, PA 18901

Match contact: Frederick Salberta 215-766-1331

Match Goals:

- 1) Encourage lively and friendly competition with US rifles in the manner consistent with current NRA and CMP high-power competition standards.
- 2) To introduce new shooters to precision marksmanship with full bore service rifles.

Introduction:

Bucks County runs monthly CMP/NRA matches at our club in Doylestown Township on Turk road. Our matches are run in accordance with both CMP and NRA rules, though we use the CMP range commands. We regularly fire the 50 shot NMC with up to 14 sighters. This stage of fire challenges the shooter to fire in the standing, sitting/kneeling and prone position.

Any rifle and any sight may be used, though the rifles used require the ability to rapidly reload with 5 rounds. Accuracy requirements are not onerous; a rifle that will put 10 rounds into a 3.5 inch circle at 100 yards is adequate for a beginner. A shooter with a zeroed rifle (able to hit an 11x17 sized target @ 100 yards) will require no more than 58 rounds to fire the course of fire.

Instruction and loaners:

Our matches are geared towards the new and developing shooter. We have 8 M1 rifles, 3 AR-15 rifles and one M1 carbine rifle for loan. In 2016 only 5.56 and .30 cal carbine (juniors only) ammunition is available for use in club rifles. No 30-06 is available and none is expected. We do have mats and scope for use by new shooters. In addition we offer skilled instructors to help you through your first matches, or for individual coaching if you require it.

Match dates and fees:

CMP/NRA style matches are run on the 4th Saturday of every month. Sign up time is 9 to 9:45 AM, with the first shot down range at 10:00. Cost to shoot is \$ 10 per adult, 2 dollars per junior (under 20), plus \$ 10 for junior if ammunition provided. Adult ammunition fee is \$20 for an issue of 5.56 ammunition (63 rounds). There is no cost to use a club rifle.

Awards and Scores:

Our matches are run for instruction; as such they are not NRA approved. We do have a competitive program each year, running from December through November, with awards being handed out at an annual luncheon/dinner in December: The following award metals are given:

Club Champion:	highest score achieved that year with eligible rifle
High service rifle (A):	As issued, any nation with issue sights.
High service rifle (B):	National match standard, US Service rifle or foreign pattern
High Match rifle:	Any rifle not in above A or B categories
High Junior:	Under 21, any rifle pattern

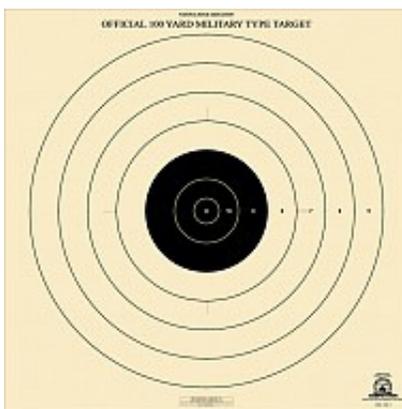
Match conduct and targets:

- Stage 1: 5 minutes to fire up to 6 sighting shots on SR1 target. This is for zero and does not count. Your rifle should be zeroed within a 11 x 17 paper prior to the match
- Stage 2: 12 minutes: 2 sighters + 10 record rounds, standing position fired on SR-1 target.
- Stage 3: 2 sighters on SR-1 target, followed by rapid fire string, 10 shots in 60 seconds with one magazine change, standing to sitting position, fired on SR-1 target.
- Stage 4: 2 sighters on SR-21 target, followed by rapid fire string, 10 shots in 70 seconds with one magazine change, standing to prone position fired on SR-21 target.
- Stage 5: 2 sighters on MR-31 target, followed by 20 shots for record, slow fire prone on MR-31 target in 20 minutes.

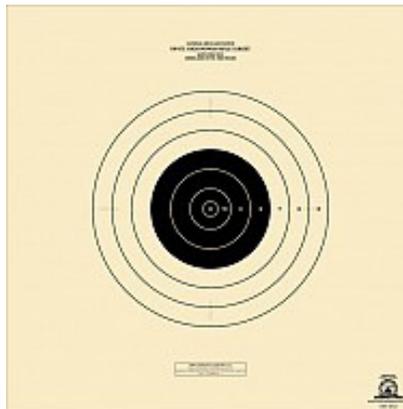
Match is total of stages 2 through 5, possible score is 500-50x

Targets: Black bull is approximately 6.5 inches in diameter,
Rifle zero ~3.3 inches above aim point is ideal for these matches.

SR-1



SR-21



MR-31



Swiss-Style rifle matches



We fire a duplicate of official Swiss shooting club programs. We are not an official Swiss club, but seek to emulate the comradeship of the Swiss Clubs.

All matches at our club can result medal and certificates. See our bulletin below



Böcke Schweizer Schütze Verein (BSSV)

Swiss-style rifle matches @ Bucks County Fish and Game Association

2016 Rules

Changes from 2015 in Yellow

When: (after regular CMP rifle match)

Cost: 10.00 for days entire series (4 matches)

Match contact: Email: Frederick.salberta@arris.com or call 215-766-1331

Match location: Bucks county Fish and Game sportsman's club
1745 Turk Road, Doylestown, PA 18901 (Google map location)

Rifle Qualification Rules:

Rifles and sights:

Ordnance rifle: Any Swiss service rifle in caliber 7.5x55 or 5.6 x 45 utilizing sights and accessories approved by the Swiss shooting federation. Rifles that may be used at our matches are: G11, K11, K31, PE57, PE90 and SIG551, with any Swiss approved metallic sights, Swiss ordnance slings or **identical length equivalent**. A rifle band may be substituted on a carbine or vis-versa. **Not allowed:** STGW 57 unless papered or nonstandard bedded rifles.

Standard rifle: Iron-sighted, manual action rifle that meets US NRA or Swiss SSV requirements in any cartridge with a nominal bore between 7.49mm and 7.64 mm, **Any type sling allowed**.

Trigger weight:	G11, K11, K31,	1300 Grams (2.87 lbs)
	PE57, PE90, SIG 551, AMT	2200 Grams (4.85 lbs)
	Standard rifle	1000 Grams (2.20 lbs)

Individual equipment: Any NRA approved high power shooting accoutrements may be utilized, unless it disagrees with the above. Approved slings are the leather M11, M31, Swiss leather weave, M57, M90 or web equivalent. **G11/K11/K31 Sling must be ordnance length.**

Conduct of matches:

Prior to start of matches a 10-minute zeroing period will be allowed. Matches will be fired in the following order: Obligatorisch (OB), Feldschiessen (FE), Einzelwettschiessen (EI), Meisterschaft (MS). **A sighter target will be supplied for the EI and MS match, which may be used by the shooter during these matches, but not during the OB or FE matches.**

Obligatorish and Feldschiessen matches:

Only ordnance rifles may be used. All shots are fired prone. PE57 and PE90 may use the bipod. Rifles with issued sights or fine adjusters may use a forward arm/hand support. Rests may be packed knapsacks or sandbags, no bench-reset equipment allowed. Rifles with diopters front and rear may only use an elbow support or fore-arm support without the non-firing hand or wrist resting on the support. Ordnance leather pattern slings or equivalent only. Shooters under 20 and above age 60 may use a forward hand support in both matches regardless of sights used.

Einselwettschiessen and Meisterschaft Matches:

Shooters may not use any artificial support in these matches other than approved slings in any configuration. No elbow support. Kneeling rolls are allowed in Meisterschaft.

Awards:

Obligatorisch, Feldschiessen and Einselwettschiessen:

Certificates will be presented to shooters who achieve the scores shown in table 1 below. Certificates will be issued each time the shooter achieves a score above the stated minimum. Certificates will be available at the next regular match

Shooting medals will be awarded once per year. At the end of the last match in (November) all of the scores above the medal mark will be tallied. The shooter in each match with the highest series will receive a gold engraved medal and every individual above the medal cut off an engraved Silver medal.

Table 1

Match	Description	Record shots	Total possible	Certificate score	Medal score
Obligatorisch	Prone, slow and timed, A10, B5 targets	20	85	66	<i>none</i>
Feldschiessen	Prone, slow and timed, B4 target	18	72	55	57
Einselwettschiessen	Slow fire prone unsupported	10/15	100/150	<i>none</i>	85/127
Einselwettschiessen *	Slow fire prone unsupported	15	150	<i>none</i>	135
Meisterschaft	Slow fire prone and kneeling	30	300	<i>none</i>	248
Meisterschaft*	Slow fire prone and kneeling	30	300	<i>none</i>	263

***Standard rifle score**

Meisterschaft:

At the end of the last match in the year (November) all of the scores above the medal mark will be tallied. The shooter with the highest score in each class will receive a gold engraved medal, the 2nd place an engraved silver medal and the 3rd and below an engraved bronze medal.

Medals will be presented at the December CMP lunch. Medals not picked up will be mailed.

Matches:

Obligatorisch: (ordnance rifle, hasty sling only) 20 rounds (91.4 meters)

- 5 rounds slow-fire prone position at A5 target
- 5 rounds, slow-fire, prone position at B4 target
- 2 rounds in 20 seconds, prone position at B4 target
- 3 rounds in 30 seconds, prone position at B4 target
- 5 rounds in 1 minute, prone position at B4 target

Feldschiessen: (ordnance rifle, hasty sling only) 18 rounds (91.4 Meters)

- 6 rounds slow-fired prone position at B4 target
- 3 rounds in 1 minute, prone position at B4 target
- 3 rounds in 1 minute, prone position at B4 target
- 6 rounds in 1 minute, prone position at B4 target

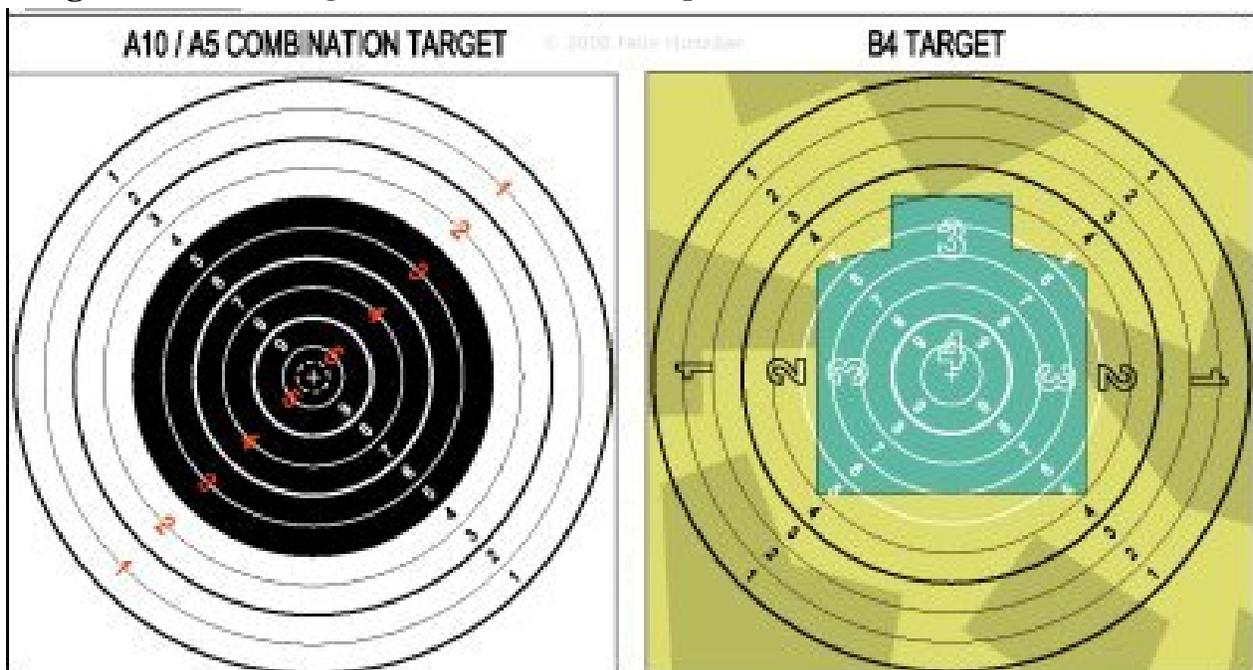
Einselwettschiessen: (ordnance/standard rifle) 10/15 rounds (91.4 Meters)

- 10/15** rounds in 12/18 minutes, prone position, slow fire at A10 target

Meisterschaft: (ordnance/standard rifle) 30 rounds (91.4 Meters)

- 15** rounds in 20 minutes, prone position, slow fire at A10 target
- 15** rounds in 20 minutes, kneeling position, slow fire at A10 target

Targets (all 300 M targets scaled to 91.4 meter equivalent size)



Böcke Schweizer Schütze Verein (BSSV)

Swiss Pistol qualifications:

(Run after Rifle matches)

Match Times After regular Swiss rifle matches, between 2:30 and 3:30 PM

Cost: Included with regular match fee

Match location: Bucks county Fish and Game sportsman's club

1745 Turk Road, Doylestown, PA 18901 (Google map location)

Match contact: Email: Frederick.salberta@arris.com or call 215-766-1331

Pistol Rules:

Ordinance Pistol: Any Swiss service pistol or revolver adopted by the Army or Police and accessories that are approved by the Swiss shooting federation. Pistols that may be used: Any pattern Luger, P210 (P49) in 9x19 or 7.65 Luger. P220 (P75), P225, P226, P228, P229, SP2009, SP2022, Glock 17, 19, 26, Sphinx 2000: all in cal. 9x19mm. PP, PPK, PPK/s, SIG 230 in cal. 7.65 ACP. Revolver M1882 or 82/29 in cal. 7.5 Swiss revolver. **Not allowed:** Any other centerfire handgun, unless documentation supplied indicates use by Swiss Army or Police forces.

Trigger weight:	Luger, P210, Revolver 82, 82/29:	1300 Grams (2.87 lbs)
	All other center fire pistols	1500 Grams (3.31 lbs)
	.22 cal. Rim-fire pistols	910 Grams (2.06 lbs)

Matches

Obligatorisches Pistol 25Y: 20 shots, P4 and B5 Target, No sighters. The course of fire is 5 x 1 rounds slow fire on the P4, 1 x 5 rounds, rapid fire on the P4 target in 60 seconds. 5 x 1 rounds slow fire on the B5 target followed by a 1 x 5 rounds rapid fire on the B5 target in 60 seconds.

Feldschiessen Pistol 25Y: 18 Shots, B5 target, No sighters. The course of fire is 6 x 1 rounds slow fire on the B5, 2 x 3 rapid fire in 60 seconds followed by 1 x 6 in 60 seconds all on the B5 target.

Einzelwettschiessen Pistol 25Y: 10 shot, P10 target, standing slow fire
Sighters are allowed prior to the record shots.

or

Einzelwettschiessen (RF) Pistol 25Y: 10 shot, P10 target, standing slow fire
Sighters are allowed prior to the record shots, **Any .22 cal rimfire pistol**

Match conduct:

Obligatorisches:	Single and two-handed hold allowed, standing only
Feldschiessen:	Single and two handed hold allowed, standing only
Einzelwettschiessen:	Single hand hold allowed, unsupported standing only

Awards: Obligatorisch, Feldschiessen and Einzelwettschiessen:

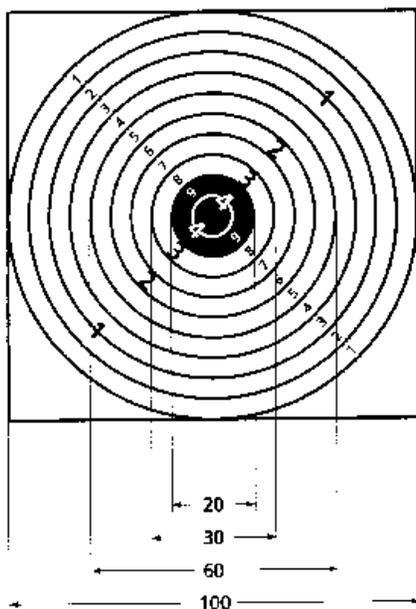
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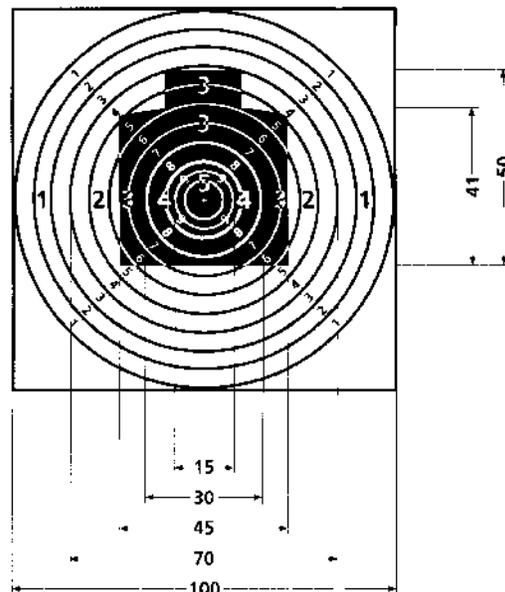
Table 1

Match	Description	Record shots	Total possible	Certificate score	Medal score
Obligatorisch	Standing, slow and rapid fire	20	90	66	<i>none</i>
Feldschiessen	Standing, slow and rapid fire	18	90	54	63
Einzelwettschiessen	Standing, slow fire, single hand only	10	100	<i>none</i>	85
Einzelwettschiessen (RF)	Standing, slow fire, single hand only	10	100	<i>none</i>	90

P10/ P4 50 M (scaled to 25 yards)



B5 Target 50M (scaled to 25 yards)



Special matches:



Our special match program is meant to encourage fellows to branch out and try their skills at slightly different course of fire, with slightly different skill sets. Awards are presented in each special match.

1) Presidents Match(October 2016)

This match emulates the Presidents match and is fired without any sighters. Medal for high US service rifle shooter who is not a match official, including a signed letter of congratulations from the club president

2) Strang match (October 2016)

A three stage match held after the Presidents match which duplicates the Scandinavian rifle matches (Norway, Denmark, and Sweden). Any service rifle or match rifle can be used, in cal. 6.5mm to 8mm Mauser. This match is fired at an irregular sized bull of around 7 x 10 inches at 100 yards and tests the shooters ability of rapidly firing accurate shots at a stationary target. The match is:

- a) 2 stages of rapid fire, 16 shots each with two reloads in 25 sec. (prone)
- b) Top 4 shooters go into elimination match, standing to prone, 8 rounds at 4 targets, time stops after first shooter finishes, top score wins.

3) Swiss-German Mauser rifle match (December):

This match is a 15 shot match (with 5 additional sighters) on a modified International A10 target and figure bull of approximate A10 bull size. This match is limited to Swiss service rifles in cal. 7.5mm and Mauser service rifles in cal. 6.5mm to 7.92 mm. An award is given to highest shooter in each category (Swiss rifle or Mauser rifle)

4) M1 Garand Cup match:

This match is one of the oldest awards offered in the club, the M1 Garand cup, which dates back to 1992. The winner of this match has his name engraved on the cup and will be awarded a Gold medal at our December dinner. The use of the rifle is restricted to an as-issue M1 Garand rifle, in caliber 30-06 fired across the NMC course of fire. Any safe ammunition allowed. Loaner rifles and ammunition available if advance notice made.

Shooters Lunch: December 10th 2016

Our club awards are given out after the last match in December and cover the previous December to November match scores. After the award ceremony, all the shooters and their family are invited to a luncheon held locally.

Other ideas?

Do you have an idea for a match or an event you would like to see run? Contact the board and we will see what can be done, it is your club and feedback is encouraged.

Three gun matches **New to 2016**



In 2016 the BCF&G has decided to run a program of four 3-gun matches (see schedule)

These matches involve using a pistol, rifle and shotgun in challenging practical marksmanship contests. Contrary to the regular competitive target matches, the targets are generally larger and are scored as a hit/miss proposition. The shooter is scored on total time to go through the course, with penalties assessed for every shot that misses (typically 5 second per miss). Like golf the lowest score wins.

Our matches are aimed at newer shooters who do not have all the exotic equipment that goes with full blown 3-gun match fans. As such each shooter need the following to compete on a relatively even ground with the more specialized equipment.

- 1) **A pistol:** Most strings are 6~7 shots, with 4 to 5 stings at three shooting stations being the norm. As such if you have a 7 shot pistol (such as the M1911) you will need 5 magazines. If you have a 13 shot or more pistol, you will need 4 magazines.

- 2) **A rifle:** It can be any caliber or action type, but most folks have a self-loading rifle that has detachable magazines (manual operation arms allowed). You will need the ability to reload 5 strings of 8 shots, so 5-8 shot magazines are required. Iron or optical sights are allowed. Any level of optic are allowed, but most find reflex or low power (2.5 to 3.5 x) optic is ideal. The 200M sight setting with the M16A2/M4 is equally suitable.
- 3) **A shotgun:** with a minimum 5-shot capacity. All stings start from a loaded state with 5 shots. A method of holding 10 rounds for a rapid reload is worthwhile, as up to 15 shots might be required at one shooting stage. Detachable magazines may be loaded to capacity after first 5 shots.
- 4) **General equipment:** You will need a pistol holster and some kind of pouches to hold your magazines and ammunition. Ideally you should have the pistol, rifle and shotgun ammunition in easily accessible pouches/clips and a method of carrying same in each stage. No limit on clothes, but shooters will be outside for entire 6 hour match.

Ammunition required:

A typical match will vary, but the following number of rounds is sufficient:

40 rounds shot gun rounds.	(# 7.5 or # 8 shot)
80 rounds of pistol ammunition.	(No AP, all other types allowed)
80 rounds of rifle ammunition.	(No AP, bimetal jacket allowed)

A typical match will involve no more than 150 rounds fired over the entire day. No single arm will be fired more than ½ of the allotted rounds.

All loading of magazines will occur at a loading table. Arms will not be loaded until at the firing line.

Rules specific to our matches:

- 1) There is no loading of arms prior to being in shooting position.
- 2) There is no fire and movement, all firing is done from a static position.
- 3) All arms must be made safe prior to movement, pointed down range during movement or holstered in a safe condition.
- 4) Safe condition for arms is action open, magazine removed.
- 5) To holster a pistol a range officer must observe the magazine is removed, chamber empty and then the slide released.
- 6) Between shooting stages long arms must be in the safe condition with the added condition of an open bolt indicator installed (range provided)
- 7) Unsafe handling of arms will result in disqualification for the day.
- 8) There are no alibis.
- 9) Every shooter is also a range officer and can call a cease fire if needed.
- 10) Shooters will help with scoring, set up and running of match.

List of matches:

May 8th: First 12 shooters signed up get to shoot. Three stages of shooting run sequentially.

June 12th: First 16 shooters signed up: Three stages, run sequentially on three shooting courses.

September 18th: First 28 shooters: 4 stages run sequentially on 3 separate ranges.

October 9th: 32 shooters run on 6 stages, first three stages run sequentially. This end of year match will be an elimination match after first 3 stages, any shooter not hitting all targets after three stages is eliminated. Survivors after 6 stages or lowest score prior to elimination wins. Unlimited rounds allowed.