



TRENTHAM MILITARY CAMP

COLLINS / HERETAUNGA PISTOL CLUB RANGE

RANGE STANDING ORDERS

For use only by the

Heretaunga Pistol Club

Order Dated – 17 March 2017

A large, stylized handwritten signature in blue ink, likely belonging to Jim Maguire, is positioned to the left of the printed name and title.

JIM MAGUIRE

Major

Officer Commanding

Wellington Regional Support Centre

29 January 2018



Purpose of the Range Standing Orders

Trentham Military Camp Collins / Heretaunga Pistol Club Range Standing Orders have been produced specifically for the Heretaunga Pistol Club's use of the Collins / Heretaunga Pistol Club Range located within the Trentham Rifle Range Reserve.

Consultation and Agreement

Collins / Heretaunga Pistol Range Standing Orders have been developed in consultation with the Heretaunga Pistol Club, who agree with the content and use as the controlling document when conducting live firing activities on the Collins / Heretaunga Pistol Club Range. Live firing activities that are not described in this Range Standing Order are not authorised to be conducted on the Collins / Heretaunga Pistol Club Range.

Name: JOHN HARRIS

Signature:

President of the Heretaunga Pistol Club

Date: 9/7/2017

Seal:

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02	Pistol New Zealand
03	Range Control Headquarters Wellington Regional Support Centre
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TERMS and DEFINITIONS

The following terms and definitions used in these range standing orders are provided for clarification:

Backsplash. Is projectile fragmentation, target debris or impact surface material, which is thrown backwards at any angle towards the firing point as a result of projectile impact.

Bullet Catcher. A bullet catcher is a structure or receptacle, with or without a canopy, built to specific standards, which, is placed behind the target line for the purpose of capturing the majority of rounds fired at each target.

Bullet Catcher Toe. The toe of a bullet catcher is the lowest forward (towards the firer) section of the impact face where it intersects with the range floor.

Cone of Fire (CoF). The CoF is the distribution of fired projectiles within a margin of error in the vertical and horizontal planes.

Firer. Is a term used to describe a person who discharges a firearm. The term “shooter” could also be used for the same description.

Static Firing Position. Are terms used to describe a firer who is stationary in position when discharging a firearm.

Moving Firing Position. Are terms used to describe a firer who is moving (stepping or walking) when discharging a firearm.

First Strike. Is the point where a projectile first strikes any surface after leaving the barrel.

Live Firing, Shoot or Shooting. Terms used to describe an activity during which live firing of firearms takes place.

Multi- Gun. Known as 2-gun or 3-gun depending on the types of firearms used are Practical events where each of the stages require the competitor to use and transition between a combination of rifle, handgun and/or shotgun. Multi-gun has a lot in common with IPSC and is a dynamic shooting sport that includes movement by the firer. The course of fire are called “stages” and are shot individually by the firer with one Range Officer for each firer. Usually the firer must move and shoot from several positions.

NZDF. New Zealand Defence Force.

PNZ. Pistol New Zealand.

Pop-over. Is projectile or target debris, normally from previous firing which has been re-energised by subsequent projectile strike. Pop-over can also be high angle ricochet of a fired projectile.

Post First Strike Hazards. Post first strike hazards include ricochet, pop-over, splatter and backslash.

Practical Shooting. IPSC. International Practical Shooting Confederation.

Range. The term “Range” with a capital “R” refers to all ranges within the HPC Range Complex. The term “range” with the lower case “r” refers to one range within the HPC Complex.

Range Axis. Is a line at right angles (90°) to the line of the bullet catcher.

Ricochet. Is the change in velocity and direction of a projectile or projectile fragment caused by its impact with any surface. A single projectile or projectile fragment may ricochet more than once prior to it coming to a complete stop.

Range Safety Officer (RSO) or Range Officer (RO). The RSO/RO is a person qualified to perform the duties of a RSO/RO for the shooting discipline sanctioned by Pistol NZ being fired in accordance with Pistol NZ rules and procedures. The RSO/RO is to be suitably experienced member of Pistol NZ who is appointed by the Heretaunga Pistol Club (HPC) and is responsible for the conduct and overall safety of the shoot on a range.

Splatter. Is projectile fragmentation or target debris that is thrown in all directions from the impact area.

Targets: Definitions of various types of targets:

Advancing /Retreating. Is a target that can be moved forward or backward to accommodate different firing distances. This can be achieved by either moveable target bases or with a suspended overhead track.

Aerial Clay. Is a ceramic target that is mechanically thrown into the air travelling across a firer's frontage for engagement whilst moving.

Static. Is a target that is not activated. A static target does not move, traverse, rotate, drop or lie down.

Turning. Is a target rotates 90° on its axis. The target base remains in the same fixed location.

Traversing. Is a target that traverses either left to right or right to left across the firer's frontage for engagement whilst moving. (**Note:** Traversing or moving targets are not authorised for engagement on the Collins / HPC Range Complex).

Penetrable. Is a target constructed from paper or cardboard attached to a thin wooden or heavy cardboard backing board. This type of target allows easy projectile penetration with minimal projectile deflection from the target to the bullet catcher.

Steel. Is a target manufactured from hardened steel plate at sizes and shapes in accordance with Pistol New Zealand regulations. Certain specifications are required for construction and particular conditions are required for placement and use, see script for details.

LIST OF REFERENCES

- A. DFO (A) Vol 7, *Training*, Book 5, *Live Firing Ranges*
- B. Heretaunga Pistol Club Range Licence, dated 1 July 1996
- C. Heretaunga Pistol Club Range Submission, dated 26 August 2001
- D. Army General Staff (7795/7/1) Development of the Heretaunga Pistol Club Range at Trentham, dated 9 November 2004
- E. Development of Heretaunga Pistol Club Range, dated 22 October 2007
- F. Pistol New Zealand – A Guide to Planning & Construction of a Shooting Range, dated 2010
- G. JSP 403 - Handbook of Defence Land Ranges Safety, Volume 2 – Design, Construction and Maintenance of Small Arms, Infantry Weapons Systems and 40 mm Weapons Systems Ranges, Edition 3, Change 6, February 2012

CHAPTER 1

RANGE STANDING ORDERS

1. **Purpose.** Range Standing Orders are required to ensure that:
 - a. All necessary precautions are taken to prevent accidents to range users.
 - b. Danger to the public is prevented.
 - c. Maximum use is made of available range space.
 - d. Only authorised firearms and ammunition that are described in this range standing order may be used on the range.
 - e. Only authorised activities that are described in this range standing order may be conducted on the range.
 - f. All activities are conducted in accordance with References C and D.
 - g. All personnel are briefed on the amenities provided.
2. **Production and Amendments.** In accordance with DFO (A) Volume 7, *Training*, Book 5, *Live Firing Ranges*, Chapter 2, Section 2, paragraph 2202, Headquarters Wellington Regional Support Centre (HQ WRSC), as the range controlling authority, is responsible for the production and amendments of Range Standing Orders.
3. **Distribution.** Copies of Range Standing Orders are to be distributed by the range controlling authority.
4. **Contradictions.** If Collins / Heretaunga Pistol Club Range Standing Orders contradict the content of other references, then this order is to take precedent. Where it is identified that a contradiction exists between this order and other references, the contradiction is to be brought to the attention of the range controlling authority. The range controlling authority is to be prepared to justify the range standing order as and when required. All range standing orders contradictions are to be annotated with “(this contradiction to *name of the reference* has been authorised by the range controlling authority)”.

CHAPTER 2

COLLINS / HERETAUNGA PISTOL CLUB

RANGE STANDING ORDERS

5. **General Content.** These range standing orders (RSO) have been produced for the use of Collins Range (also known as the Heretaunga Pistol Club Range) by the Heretaunga Pistol Club (HPC) only. These RSO are not approved for use by any other club, agency or organisation. Collins / HPC RSO are provided to ensure all HPC members are aware of the safety requirements applied to the range when conducting live firing activities. To use the range, the HPC have been granted a New Zealand Defence Force (NZDF) Licence, dated 1 July 1996.

- a. It is a requirement of Pistol New Zealand (governing body of New Zealand civilian pistol clubs) that a copy of these RSO are available on the Range at all times and that all HPC members are aware of the content and location.
- b. In accordance with HPC policy, the HPC Executive Range Safety Officer is responsible to ensure all HPC members are aware of the content and location of these RSO.

6. **Name.** The land on which the Range is built is known within NZDF as “Collins Range”. The facility improvements are known to the HPC as the “Heretaunga Pistol Club Range”. The use of either name does not affect in any way the rights and obligations of the HPC and NZDF. For clarity of content in this document the Range is called “Collins / HPC Range”.

7. **Location.** The Collins / HPC Range is located at Trentham, Upper Hutt, within an area known as the Trentham Rifle Range Reserve. The Trentham Rifle Range Reserve is defined as a Class 11 Reserve (Rifle Range) being part of Section 936, Block I, Rimutaka Survey District S.O. 32449. The Trentham Rifle Range Reserve (also referred to as the Trentham Defence Area) is vested to the Minister of Defence (NZ Gazette dated 1903, page 2378).

- a. Map Ref: NZ Topo 50 series – BP32 and BQ32.
- b. Grid Ref: E-1771724, N-5442709.

8. **Control.** The land on which Collins / HPC Range stands is a Defence Area, which is under control of the Chief of Defence Force. All users of the land, including licensed civilian clubs, are bound by Part III of the Defence Regulations 1990. Command and control of all Trentham Ranges is vested in the Officer Commanding. Reasonability for the day to day management, maintenance administration of the ranges has been delegated to Range Control HQ WRSC in accordance with Environmental Services, Defence Property Group.

9. **Range Description.** The current Collins / HPC Range is a modification and extension of the maker's gallery and target area of the old 600 yard range of the same name. Collins / HPC Range is a non-standard outdoor complex containing five separate

ranges and covers an area of approximately 2.73 hectares. The floors and bullet catchers on each range are constructed from earth and covered with approved aggregate sand. Ranges 1-3 are separated by non-ballistic proofed wooden partition walls. Range 5 is enclosed by earth berms along its northern and southern sides. Covered firing points, at the rear of each range, extends across all ranges with the exception of Range 5, where there is a purpose-built firing mound. Individual range details are as follows:

- a. **Range 1.** Is 26.8 metre in length (measured from the forward edge of the covered firing point to the bullet catcher toe) and is 18.0 metres in overall width at the 20m firing distance and is 8.8m in width at the maximum 26.8m firing distance. This range has a maximum of 9 firing lanes with one firer per lane from the 20m firing distance and 4 firing lanes with one firer per lanes from the 26.8m firing distance. The range may also be set-up for a single firer participating in authorised courses of fire such as IPSC. A canopied bullet catcher is located on the northern side of Range 1 to accommodate penetrable and steel target placement. The canopied bullet catcher is designed to prevent ricochet exiting the northern boundary of Range 1. The canopy may be used independently or during authorised courses of fire. There is a corner section of the bullet catcher between the canopy and the main bullet catcher on the eastern side of the range, which has brightly coloured wooden posts at its base. This area corner section of the bullet catcher is **not** authorised to be fired into. Range 1 is approved for static target engagement from static and moving (within the maximum deviation of 10° from the range axis) firing positions.
- b. **Range 2.** Is 26.8 metres in length (measured from the forward edge of the covered firing point to the bullet catcher toe) and is 13.4 metres in overall width. It has a maximum of 6 lanes with one firer per lane. The range may also be set-up for a single firer participating in authorised courses of fire such as IPSC. Range 2 is approved static target engagement from static and moving (within the maximum deviation of 10° from the range axis) firing positions.
- c. **Range 3.** Is 26.8 metres in length (measured from the forward edge of the covered firing point to the bullet catcher toe) and is 10 metres in overall width. It has a maximum of 5 lanes with one firer per lane. A wooden protected metal target turning mechanism is located on the range floor in front of the bullet catcher toe for timed turning target exposure disciplines. The range may also be set-up for a single firer participating in authorised courses of fire such as IPSC. Range 3 is approved for static and turning target engagement from static and moving (within the maximum deviation of 10° from the range axis) firing positions.
- d. **Range 4.** Is a 50 metre range that is currently closed due to being under development. As the current unfinished range features contain large quantities of reflective material that may cause ricochet and backslash hazards to firers and users on other ranges of the complex and to other users on adjacent ranges to the north and south. Range 4 is not currently approved for any forms of live firing activities to be conducted upon it.

- e. **Range 5.** Is 100.5 metres in length (measured from the forward edge of firing mound to the bullet catcher toe) and is 25.2 metres in overall width. It has marked distances at 25 metre intervals on each side of the range. It contains a maximum of 14 lanes with one firer per lane. Individual firing lanes are not marked. A raised firing mound is constructed at the rear of the range for firer comfort to assist with raising the cone of fire off the range floor. A fixed firing table is located at the extreme southern end of the firing mound. The range may be set-up for a single firer participating in authorised courses of fire such as IPSC at a maximum distance of 50 metres. Range 5 is approved for:
 - (1) Static target engagement from static and moving (within the maximum deviation of 10° from the range axis) firing positions,
 - (2) Aerial clay target engagement from static firing positions with shotgun (shot),
- f. **Aerial Clay Range.** A shotgun aerial clay range is located at the eastern end of Range 5. There are two markers, one on the left and one on the right of the range boundary indicating the firing position. The firer's position is defined at 17.5 metres from the right hand marker. Refer to Annex D to chapter two. Elevation and arcs of fire are controlled by a purpose-built shooting station.
- g. **Toilets.** Two permanent port-a-loo type toilets are located at the northern end of the range carpark, behind the firing point and (western side) of the historic target shed.
- h. **Carpark.** A large carpark area has been constructed behind the firing point (western side of the complex) allowing access to the range office and ranges via a cut-away through the old mantlet and covered firing point.
 - (1) **Note:** While the range is in use for live firing activities, vehicles are not permitted to be parked in front of the cut-away entrance to the ranges as this may block emergency personnel access and casualty evacuation.
- i. **Access to Firing Ranges.** Access to the firing ranges is via a cut-away section through the old mantlet from the carpark side of the complex, which also access to the range office.

10. **Range Classification and Range Danger Area.** The Collins / HPC Range Complex is classified as a Limited Danger Area with Pop-Over Range in Range 1 and a Limited Danger Area Range in Ranges 2, 3 and 5. As described in JSP 403 Vol 2, page ii, "a limited danger area range is an open range which is designed to ensure that no direct and correctly aimed shot fired within the bounds of acceptable aim error will go beyond the range floor. However, ricochet is expected to create a hazard over a wider limited danger area". The range danger area extends from the covered and furthest firing points in all ranges to the crest of the hill feature to the east of the range. Attached at Annex A to this chapter is an aerial image of the Collins / HPC Range with the range danger area applied.

11. **Air Danger Height.** A permanent Air Danger Height has been established over the Trentham Rifle Range Reserve, including Seddon Range, by the Civil Aviation Authority under rule 71.16, which operates 24 hours per day. The airspace designation is NZD621 (NZ Danger Area), which extends from the ground surface to an upper limit of 1500 feet above sea level. The purpose of the airspace designation is to warn aircraft of the potential danger of flying into a danger area.

12. **Range Danger Signage.** Range Danger Signs are provided on all Trentham Ranges to warn persons who are not familiar with range protocols and associated hazards that they are about to enter a live firing range. On the Collins/HPC Range, a Range Danger Sign is located by the entrance gate near to a Range In Use Flag station to provide the required warning. Below is an image of a Range Danger Sign used on the Trentham Ranges.



Range Danger Sign Used on Trentham Ranges

13. **Range Safety Certificates.** Range Safety certificates have been produced for HPC use of the range complex. Copies of the safety certificates are located by the entrance to each range.

- a. **Expiry.** In accordance with Reference A, range safety certificates expire at 2359 hours on 30 June of each year.
- b. **Suspension.** Suspension of range safety certificates by the range controlling authority will occur immediately upon the following:
 - (1) When an entire range structure fails to meet the minimum design specification.
 - (2) When any activity that is not authorised by Collins Range Standing Orders or by the range controlling authority.

- (3) On the occurrence of any serious injury incident or event that requires notification to a regulator external to NZDF.

14. **Range Audits.** Audits of propose-built ranges controlled or used by NZDF (including NZDF controlled purpose-built ranges used by civilain shooting associations and clubs, and non-NZDF Ranges used by NZDF) are to be completed in accordance with the following scheduled audits:

- a. **Daily Check.** When range is in use, a daily check is to be carried out by the Range Officer before live firing commences. This check is to ensure that the range is being presented in good order and is in all respects fit and safe for use.
- b. **Three Month Audit.** A three month audit of each range is to be arranged by the range controlling authority. The audit is to ensure the continued use of the range is deemed safe, it is being maintained to an acceptable standard of cleanliness, it is in good order and that maintenance requests are submitted promptly and are followed up until completed. The range controlling authority may require more frequent audits during periods of high use.
- c. **Annual Audit.** An annual audit is to be arranged by the range controlling authority. The annual audit is to be conducted in the May to June period of each year. To ensure that a new Range Safety Certificate is issued before the current Range Safety Certificate expires, the annual audit is to be completed by 30 June each year.
 - (1) **Record of Annual Number of Rounds Fired.** To assist with annual audits in identifying the condition of bullet catchers for de-leading purposes and/or catching sand replacement, an annual record of the number of rounds fired in each range (preferred in each firing lane) are to be provided by the HPC and forwarded to Range Control HQ WRSC, no later than 30 May of each year.
- d. **Five Year Audit.** A five year audit of purpose-built ranges controlled or used by NZ Army (including NZ Army purpose-built ranges used by civilian shooting associations and clubs, and non-NZDF ranges used by NZ Army) is to be completed by the Weapons and Ranges Branch NZDF. So long as the five year audit is completed between May and June it may be considered as annual audit for that year.
- e. **Unscheduled Audits.** Unscheduled range audits are to be conducted on occurrence of:
 - (1) Immediately following any serious injury and/or significant damage to equipment.
 - (2) Any time the Range Safety Certificate is suspended because an entire range structure fails to meet the minimum acceptable specification.
 - (3) On direction the range controlling authority.

- f. **Scheduled Audits.** Weapons and Ranges Branch NZDF will conduct special audits prior to the use of the following:
- (1) Prior to a live firing trial or demonstration of a weapon, ammunition or laser device that is not in-serve.
 - (2) Introduction into service of a weapon, ammunition or a laser device, which does not meet the design limitations of the range.
 - (3) Introduction of a new shooting practice or shooting system that does not meet the design limitations of the range.
 - (4) Whenever it is considered that use of the range is unsafe.
15. **Range Auditing Officers.** Live firing may only be conducted on NZDF controlled ranges that have been declared safe by Weapons and Range Safety Branch, or an appointed Range Auditing Officer. Range auditing officers are to be appointed by the relevant controlling authority and have attended a Range Advisory Officers Seminar conducted by Weapons and Range Safety Branch within the previous five years.
16. **NZ Police Approving Use of Pistols.** In accordance with NZDF requirements (DFO(A) Vol 7, Book 5) a range within a Defence Area requires New Zealand Police approval for the firing of pistols by a civilian shooting association or club. Attached at Enclosure 2 to Chapter 2 are scanned copies of the NZ Police approving the HPC to conduct pistol target shooting in accordance with these range standing orders.
17. **Associated Publications.** Publications to be read in conjunction with these range standing orders are:
- a. Heretaunga Pistol Club Range Licence, dated 1 July 1996;
 - b. Heretaunga Pistol Club Range Submission, dated 26 August 2001; and
 - c. NZDF Development of the Heretaunga Pistol Club Range at Trentham, dated 9 November 2004.
18. **Cone of Fire.** The HPC Cones of Fire (CoF), table attached at Annex D to this Chapter, were developed by the HPC in consultation with Weapons & Range Safety Branch NZDF. These CoF are the only authorised CoF approved for use by the HPC on Collins/HPC Range. The CoF consists of the core distribution, unintentional aiming error, variable weather conditions, wind estimation error and wrong target error.
19. **Point of Contact.** For the range controlling authority, daily range administration and range bookings, contact Range Control HQ Wellington Regional Support Centre on (04) 527 5135 or 027 292 9883.

Annexes:

- A. Aerial Image of Collins/HPC Range Extended Danger Area
- B. Heretaunga Pistol Club Cones of Fire Table
- C. Aerial Image of Collins/HPC Range Features
- E. Aerial Clay Range

F. Steel Target Ricochet and Backsplash Protection Covers

Enclosures:

1. Collins / HPC Range Safety Certificates
2. NZ Police Range Certification Approval for HPC Use of Pistols on Collins/HPC Range

COLLINS / HERETAUNGA PISTOL CLUB RANGE DANGER AREA

Aerial image of the Collins/HPC Range Complex with an extended Danger Area overlaid

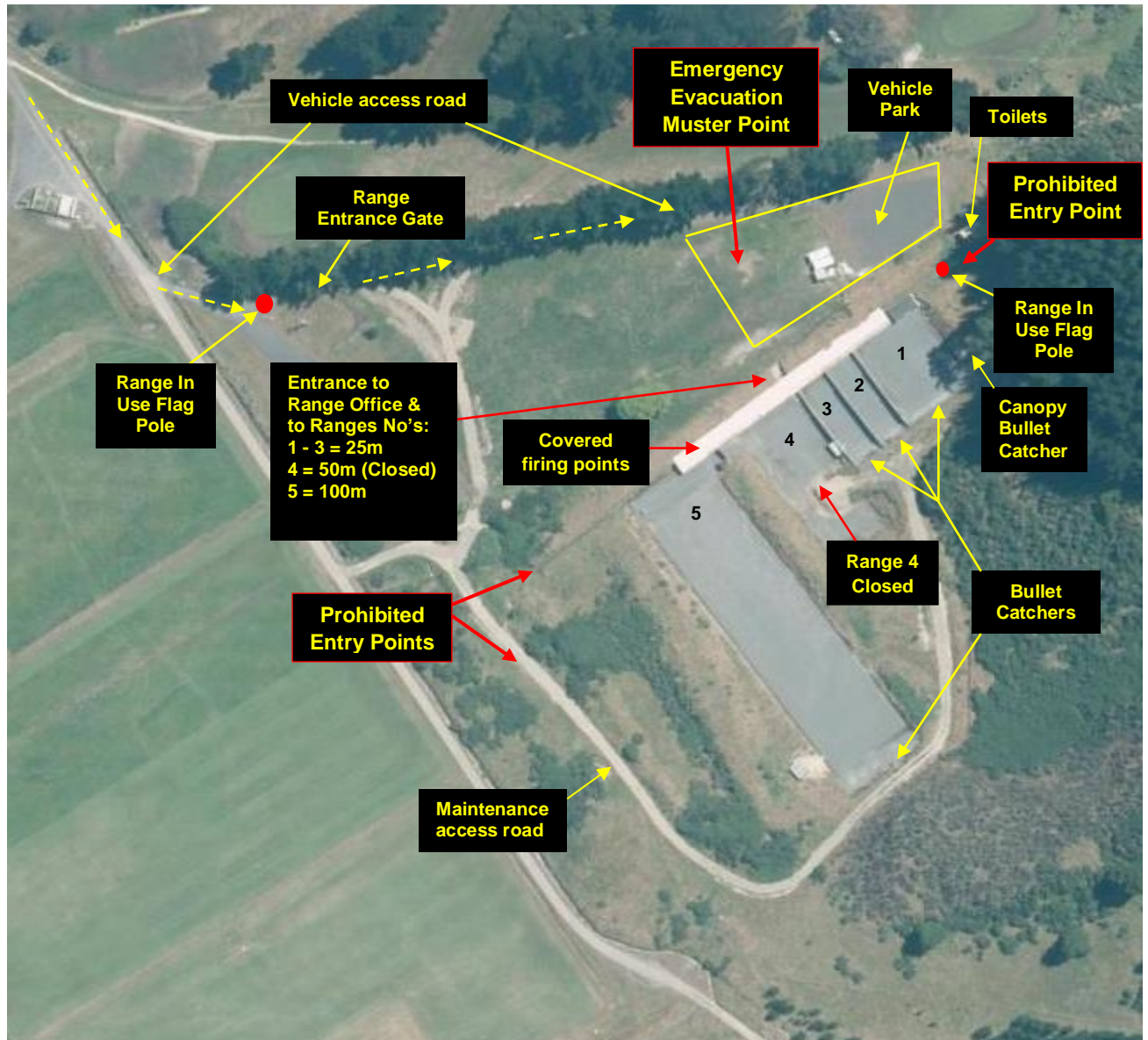


HERETAUNGA PISTOL CLUB AUTHORISED CONES OF FIRE

The following table provides the authorised Cones of Fire (CoF) for approved Heretaunga Pistol Club shooting activities. The CoF consists of the core distribution, unintentional aiming error, variable weather conditions, wind estimation error and wrong target error.

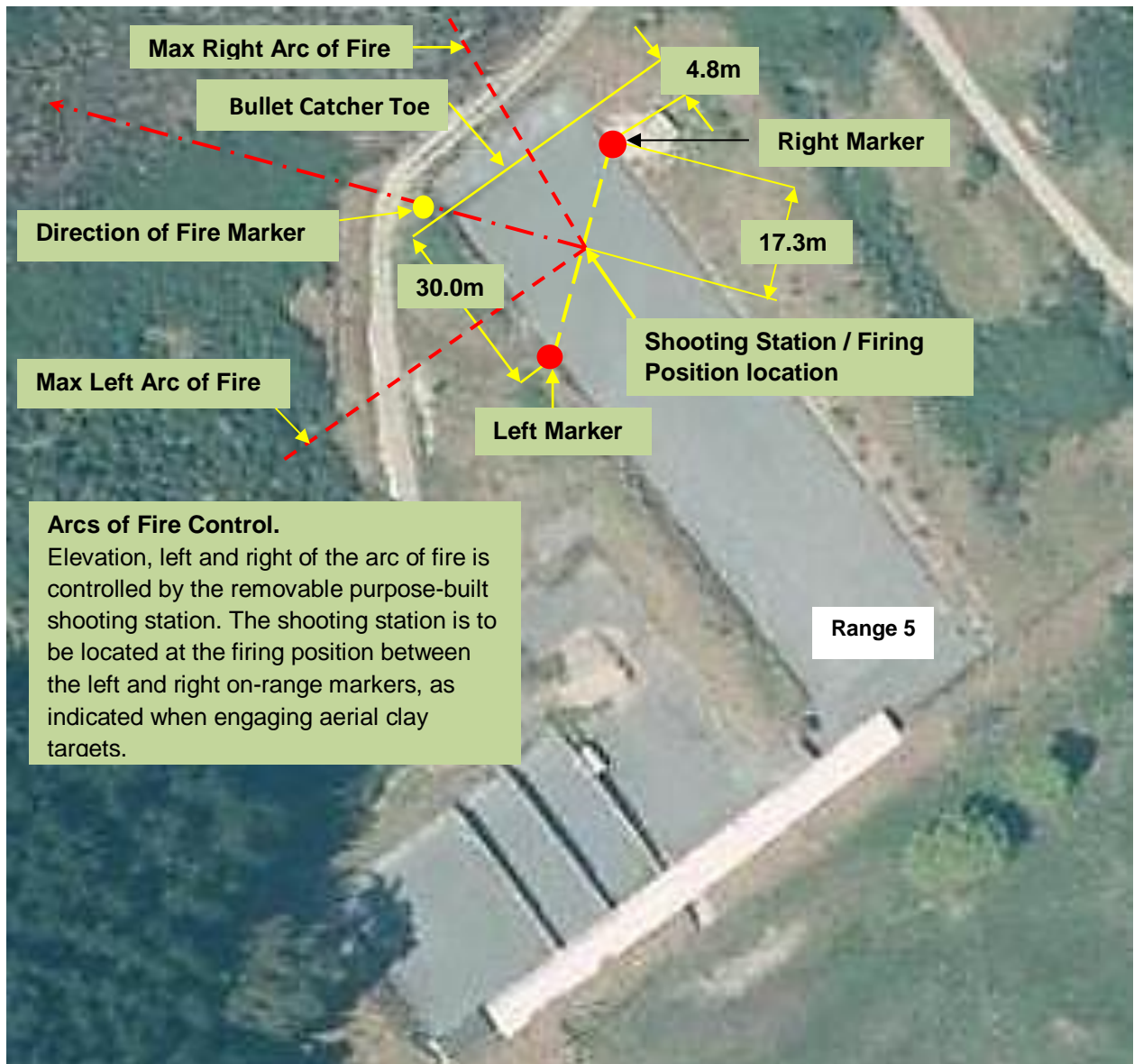
Serial	Firearm Groups with Cones of Fire (Horizontal x Elevation in mils)	Cones of Fire Dimensions at Specific Distances (Horizontal x Elevation in metres)							
		5m	10m	15m	20m	25m	50m	75m	100m
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1.	Practical / Informal Pistol up to 25m (60 x 60) Static & moving firing positions to static & moving targets.	0.3 x 0.3	0.6 x 0.6	0.9 x 0.9	1.2 x 1.2	1.5 x 1.5	N/A	N/A	N/A
2.	Service Pistol / Action 25 to 50m (30 x 30) Static firing position to static target.	N/A	N/A	N/A	N/A	0.75 x 0.75	1.5 x 1.5	N/A	N/A
3.	Practical Pistol Steel targets 10 to 15m (45 x 60) Static firing position to static target.	N/A	0.45 x 0.6	0.675 x 0.9	N/A	N/A	N/A	N/A	N/A
4.	ISSF (Bullseye) Pistol at 25m (24 x 40) Static firing position to static & turning target.	N/A	N/A	N/A	N/A	0.6 x 1.0	N/A	N/A	N/A
5.	ISSF (Bullseye) Pistol at 50m (30 x 30) Static firing position to static & turning target.	N/A	N/A	N/A	N/A	N/A	1.5 x 1.5	N/A	N/A
6.	Handgun Metallic Silhouette at 25, 50, 75 & 100m (30 x 30) Static firing position to static target.	N/A	N/A	N/A	N/A	0.75 x 0.75	1.5 x 1.5	2.25 x 2.25	3.0 x 3.0
7.	Shotgun (shot & buckshot) up to 20m(60 x 60) Static & moving firing positions to static targets.	0.3 x 0.3	0.6 x 0.6	0.9 x 0.9	1.2 x 1.2	N/A	N/A	N/A	N/A
8.	Shotgun (rifled slug) up to 100m (25 x 25) Static firing positions to static targets.	0.125 x 0.125	0.25 x 0.25	0.375 x 0.375	0.5 x 0.5	0.625 x 0.625	1.25 x 1.25	1.875 x 1.875	2.5 x 2.5
9.	Shotgun Aerial Clay targets (120 x 120) Static firing position to aerial targets. Shot size 7 1/2 to 9 only.	0.6 x 0.6	1.2 x 1.2	1.8 x 1.8	2.4 x 2.4	3 x 3	6 x 6	9 x 9	12 x 12
10.	Rifle up to 100m (25 x 25) Static & moving firing positions to static & moving targets.	0.125 x 0.125	0.25 x 0.25	0.375 x 0.375	0.5 x 0.5	0.625 x 0.625	1.25 x 1.25	1.875 x 1.875	2.5 x 2.5

Aerial image depicting features of the Collins Range Complex



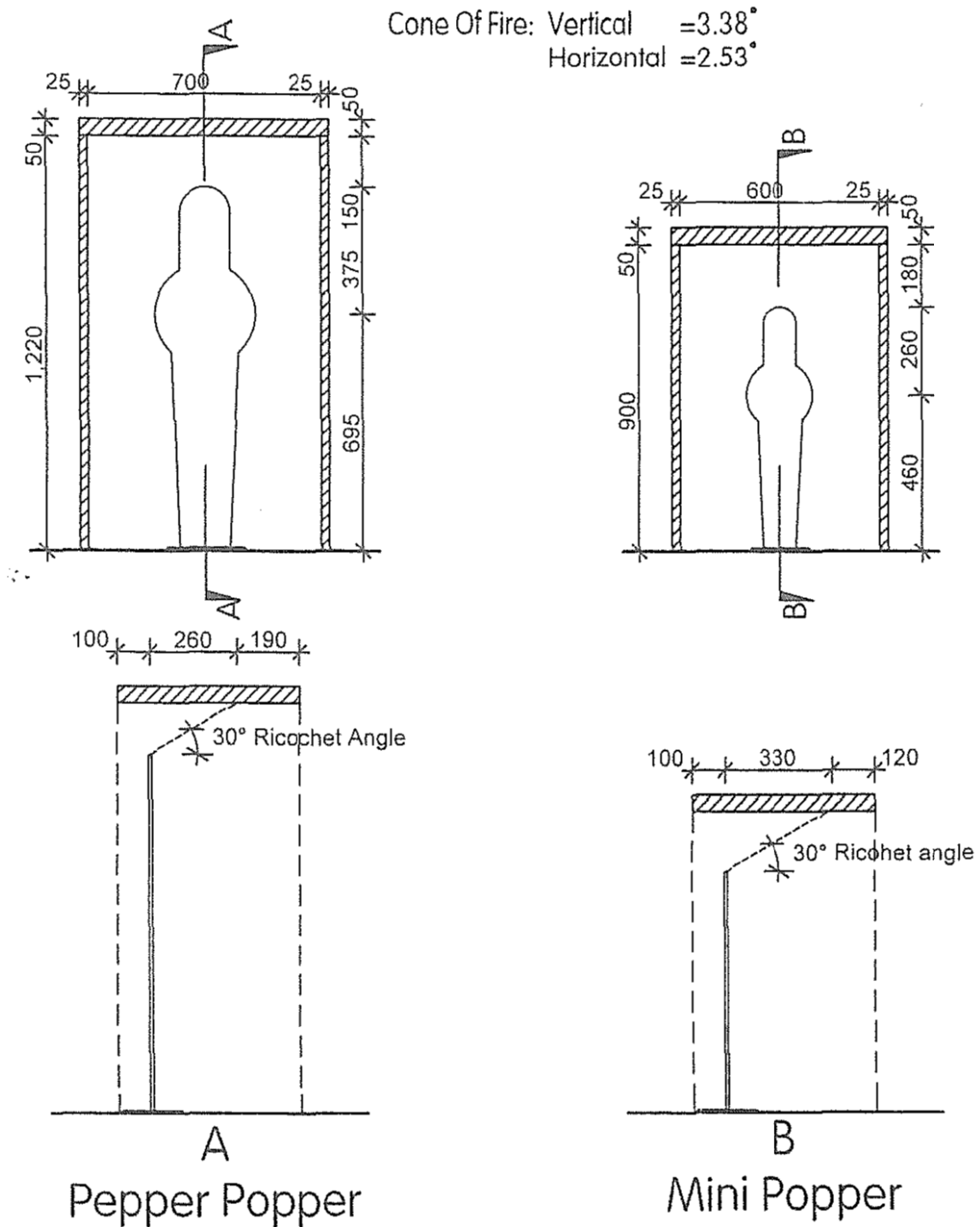
COLLINS / HERETAUNGA PISTOL CLUB SHOTGUN AREAIL CLAY RANGE

Aerial image of Range 5 of Collins Range depicting the Shotgun Aerial Clay Firing Area



STEEL TARGET RICOCHET AND BACKSLASH PROTECTION COVERS

Temporary Steel Target Cover Design and Specifications



CHAPTER 3

PLANNING (FOR RANGE USE)

20. **Primacy of Use.** In accordance with the HPC Licence, the Collins/HPC Range may be used by both the HPC and NZDF. NZDF may also permit other organisations to use the range providing that such permission will not be extended to other civilian shooting clubs without prior HPC consent. In normal circumstance the following is applied:

- a. **HPC Use.** The HPC have primacy of use during weekends and public holidays, less Christmas Day and Good Friday of each year due to the significance of these days.
 - (1) An exemption to conduct live firing on Christmas Day and/or Good Friday may be granted only under special circumstances. To provide considerations for an exemption, a written application is required to be forwarded to Range Control WRSC.
- b. **NZDF Use.** The NZDF have primacy of use from Monday to Friday.
- c. **HPC and NZDF Shared Use.** The HPC Licence provides the condition of shared use of the complex by both HPC and NZDF. In this circumstance, NZDF users are to ensure that at least one range is available for HPC use if booking requirements of the HPC and NZDF coincide.

21. **Range Access.** In accordance with the HPC Licence, *“The Club shall at all times obtain the Crowns permission prior to entering the Range”*. This maintains the required security of the Defence Area and it also provides a safe environment for NZDF personnel or NZDF contractors who may be operating within the area. If NZDF personnel or NZDF employed contractors are operating within the range or its danger area or on an adjacent range, the HPC will be notified accordingly.

- a. HPC range access is divided into two categories:
 - (1) **HPC Members.** HPC members requiring to conduct normal Club target shooting, maintenance or other non-live activities.
 - (2) **Contractors.** HPC employed contractors requiring access for HPC planned works on the range.

22. **Range Bookings.** To maintain the appropriate safety required for all personnel operating within the Trentham Defence Area, ranges and adjacent areas are required to be booked prior to access. The booking of the range for HPC use is divided into four categories:

- a. **Weekends and Public Holidays.** Collins/HPC Range is automatically booked for HPC use during weekends and public holidays with the exception of Christmas Day and Good Friday as provided in paragraph 20.a. above.
- b. **Daylight Saving Period Midweek.** As to HPC policy, the booking of the range for midweek access to conduct target shooting may only be actioned by

a HPC Range Safety Officer. This can be achieved by emailing or telephoning (followed with an email for record keeping) Range Control HQ WRSC requesting to book the range.

(1) **Range Key Uplift and Return Times.**

- (a) **Non-Daylight Saving Period Weekend Periods.** During the non-daylight saving weekend periods, the range key may be uplifted no earlier than 0700 hours and is to be returned no later than 1900 hours.
- (b) **Daylight Saving Period Midweek.** Midweek use of the range during daylight saving periods, the range key may be uplifted no earlier than 1400 hours and is to be returned no later than 2100 hours.
- (c) **Daylight Saving Period Weekend Periods.** Weekend use of the range during the daylight saving periods, the range key may be uplifted no earlier than 0700 hours and is to be returned no later than 2100 hours.

- c. **Trentham Military Camp Close-Down Period.** During the Camp Close-Down period, which is usually between the last two weeks of December and the first week of January of each year, which is also during the daylight saving period, Collins/HPC Range will be booked for daily HPC access and use (except for Christmas Day as detailed above) as in paragraph 20.a. above "Weekend and Public Holidays".

- (1) **Range Key Uplift and Returns Times.** During the Camp Close-Down period, which is also within the daylight saving period, the range key may be uplifted no earlier than 0700 hours and is to be returned no later than 2100 hours.

- d. **Contractors.** If HPC employed contractors are required to access the range, the range requires to be booked in the same manner as above by providing an email to Range Control WRSC with the following details:

- (1) Name of the Contracting Company,
- (2) Name(s) of the individual(s) of the Contracting Company who is/are tasked to enter the range (i.e., required to uplift the range keys).
 - (a) The above individual(s) is/are required to produce photo identification when uplifting the range keys from the Camp Guard Hut.
- (3) Date(s) and time(s) of expected range key uplift and return to the Camp Guard Hut.
- (4) It is the HPC's responsibility to provide the above information to the Contracting Company when tasked to access the range.

23. **Range Keys.** Collins/HPC Range keys are located and issued from the Camp Guard Hut. The Guard Hut is located at the entrance to the Camp, on the western side of the double barrier arms. The range keys are issued in a red coloured small metal ammunition box. Issued within the Range Key Box are 2 x keys (1 x security gate key and 1 x range key) and 1 x Safety Radio. To uplift the range keys from the Guard Hut, the following is required:

- a. **HPC Members.** In accordance with HPC policy, only approved HPC Range Safety Officers are authorised to uplift Collins/HPC Range keys. A list of approved HPC Range Safety Officers is to be updated and provided to Range Control WRSC by the HPC Executive Range Safety Officer.
- b. **Key Register.** The HPC Range Safety Officer is required to complete the relevant sections of the Trentham Military Camp Key Register in clear hand writing when uplifting the range keys. The table below provides an example of the required detail to be completed in each column of the key register. Incomplete sections or ineligible writing may result in refusal of being issued the range keys.

Trentham Military Camp Key Register									
Key	Time Out	Unit	Rank /Title	Name	ID Card No	Signature	Date In	Time In	Return By
<i>Collins</i>	<i>Time the key is uplifted.</i>	<i>HPC</i>	<i>Mr</i>	<i>Surname</i>	<i>Photo ID No (i.e. drivers or firearms licence)</i>	<i>Signature of the person uplifting the key.</i>	<i>Date of the key return.</i>	<i>Time of the key return.</i>	<i>Initials and surname of the person returning the key.</i>

24. **Range In Use Board.** When the range keys have been issued, the Range Safety Officer is required to enter his or her name in the “Collins” section of the Range In Use Board (white board) located on the southern wall of the Guard Hut. This board provides quick reference to the Security and Orderly Staff as to who is on what range and when.

25. **Range Indication Board.** As requested by licensed civilian range users, the Range Indication Board, located on southern grassed area of the Camp Guard Hut, is a simple means of communicating to HPC members and other range users if a particular range is in use or not.

- a. When uplifting the range keys activate the “Collins Range” slide to “in use”.
- b. When returning the range keys deactivate the “Collins Range” slide to “not in use”.

26. **Safety Net Radio.** Hand held safety net radios are issued to all users when uplifting range keys when conducting live firing activities within the Trentham Defence Area. The Camp Guard Hut personnel are to establish that the radio is functioning prior to issue. The use of the radio is to provide quick communications between the user and the Camp Guard Hut for:

- a. Advising when live firing is to commence and cease,

- b. Medical or fire emergencies requiring emergency services,
- c. Accidents or incidents on the range,
- d. If intruders are found to be on the range or within the range danger area.

27. **Use of the Safety Net Radio.** The use and location of the safety net radio is the responsibility of the HPC Range Safety Officer/Range Officer, it is to be kept on the person so as to being heard and for quick response if called. If the HPC Range Safety Officer is required to undertake another role or is to leave the range, the radio is to be passed over to another HPC Range Safety Officer. The following details is the user requirements of the safety net radio by the HPC Range Safety Officer when conducting live firing on the range:

- a. **Channel.** The radio is to be operated on channel seven (7) only.
- b. **Callsigns.** The below callsigns are to be used:
 - (1) "Duty Complex" when contacting the Guard Hut.
 - (2) "Collins Range" when the Guard Hut is contacting the HPC.
- c. **Commencement of Live Firing.** The HPC Range Safety Officer is required to contact and advise the Camp Guard Hut when live firing is about to commence.
- d. **Cessation of Live Firing.** The HPC Range Safety Officer is required to contact and advise the Camp Guard Hut when live firing has ceased.
- e. **Radio Checks.** The Camp Guard Hut may conduct random radio checks to ensure communications are being maintained.

28. **Medical, Health and Hygiene.** The HPC is responsible for the following medical, health and hygiene requirements when operating on the range.

- a. **First Aider.** The requirement for a qualified first aider is not currently set by Pistol NZ. Pistol NZ is considering reviewing this and establishing a minimum requirement for all Pistol NZ activities.
- b. **First Aid Kit.** An adequate First Aid kit to cover common injuries associated with the use of live firing range. The First Aid kit is to be checked periodically to maintain the required items in case of use and of expiry. The location of the First Aid Kit is to be known to all present on the range, and is to be included as part of the pre-firing safety brief.
- c. **Health and Hygiene.** It is important that high standards of health and hygiene are observed when conducting activities on the range.
 - (1) **Toilets.** On-range toilets are provided at the northern end of the range, see Annex C to this Chapter for location, for use by all personnel during activities on the range.

- (2) **Hand Washing.** Tap water is located on the western wall of the historic target shed opposite the on-range toilets for the washing of hands after toilet use and bullet catcher refurbishment.
- (3) **Food and Drink.** Due to exposure to lead particles and consequent contamination of skin and other surfaces, eating, drinking, smoking and chewing of gum is prohibited on the range. Eating, drinking and smoking may only occur in the carpark area after hand washing.

29. **Emergency Procedures.** In the event of medical, fire or earthquake emergencies occurring on the range, the following procedures are to be adopted:

- a. **Medical Emergency.** In the event of a medical emergency occurring on the range from either an accident or illness during live firing, the following action is to be adopted:
 - (1) Live firing is to be immediately suspended by anyone on the range by shouting the command “**STOP**”. Any Range Officer assigned to a stage may issue this command at any time during the course of fire. The firer must immediately cease firing, stop moving and wait for further instructions from the Range Officer.
 - (2) All firearms that are in use at the time are to be made safe by the Range Officer commanding “**unload and show clear**”. Firearms are to be made secure according to the firearm type.
 - (a) Rifles and shotguns are to be laid on the range floor with muzzles pointing down range towards the target area or placed in the racks provided.
 - (b) Pistols are to be holstered or bagged or benched as appropriate.
 - (c) During the above condition, firers are not to handle firearms or move near laid or benched firearms until the instruction to do so is given by the Range Officer.
 - (3) Assess the casualty and administer first aid.
 - (4) If the casualty is required to be evacuated to the nearest hospital, contact the medical emergency services by:
 - (a) **On-range Mobile.** Dial 111 and request an ambulance.
 - i. Advise of the nature of the medical emergency,
 - ii. Provide directions to the location of the range, and
 - iii. Advise that a person will be waiting to guide the ambulance to the range.

Note: The Range Safety Officer is to direct a club member to

go and wait by the yellow security gates to direct to the ambulance to the range.

- (b) **Safety Net Radio.** Contact the Camp Duty Complex over the Safety Net radio, detailing the situation and what emergency services are required.

Note: It may be quicker to establish communications with the appropriate emergency services via an on-range phone rather than the Safety Net. However, an on-range mobile phone may not be available, hence the back system of the Safety Net.

- (5) As quickly as possible contact is to be made with the Camp Duty Complex advising of the nature of the medical emergency and that an ambulance is responding.
- b. **Fire Emergency.** In the event of a fire emergency, live firing is to be stopped and firearms cleared as detailed in paragraphs 29.a. (2) (a-c) above. All range personnel are then to evacuate the complex by following the Evacuation procedure as detailed in paragraph 29.c. below.
- c. **Evacuation.** In the event of an emergency that requires all range personnel to evacuate the complex, live firing is to be stopped and all firearms cleared as detailed in paragraph 29.a. (2) (a-c) above. The Range Safety Officer to initiate the evacuation by shouting “**EVACUATE THE RANGE**” and command range personnel to exit the Range by the range entranceway or other exits as appropriate (see Annex C to Chapter 2) and wait in the muster point of the carpark.
- d. **Muster Point.** As detailed in Annex C to Chapter 2, the muster point for all personnel to congregate in the event of an emergency is the range carpark.
 - (1) The Range Register is to be collected for to account for all persons on the range.
 - (2) The Range Safety Officer is responsible for ensuring all personnel are accounted for.
 - (a) If a person or persons are not accounted for and only if it is safe to do so, the Range Safety Officer, with an assistant, are to go back into the range complex and conduct a search to locate the unaccounted person or persons.
- e. **Intrusions.** With a range in use for live firing, it is the responsibility of all personnel on the range that if persons, animals, vehicles or aircraft are seen to enter or about to enter the Range or its Danger Area that requires live firing to be suspended, they are to shout “**STOP**”. Only when the intrusion is clear or has been cleared, live firing may resume under command of the Range Safety Officer or Range Officer.

- (1) **Reporting Intrusions.** Once live firing has been suspended and all firearms cleared, immediately report the intrusion to the Camp Duty Complex over the Safety Net Radio with as much detail as possible. For vehicles describe the colour, make and registration number if visible. For aircraft describe colour and fuselage numbers, whether helicopter or fixed wing, if fixed wing describe the wing position.

30. **Hearing and Eye Protection.** In accordance with Pistol NZ safety requirements, all personnel and visitors when engaging in live firing or observing live firing activities on the range, are to wear hearing and eye protection. The Range Safety Officer and Range Officers are responsible to ensure that all personnel involved are wearing the appropriate protection.

- a. **Hearing Protection.** Noise generated from discharge of modern firearms can reach 159 decibels sound peak pressure. Unprotected ears or inappropriate hearing protection can cause considerable damage to eardrums.
 - (1) No less than grade or class 5 earmuffs or earplugs or both are to be worn by firers, range officers and spectators while on a range participating in live firing activities.
- b. **Eye Protection.** Firers, range officers and spectators, while participating in live firing activities on a range, are to wear eye protection.
 - (1) Approved safety glasses or goggles are to be worn.
 - (a) Safety glasses may also be tinted to accommodate different light conditions.
 - (b) If prescription glasses are required to be worn, they are to have safety lenses. If the prescription glasses do not have safety lenses, then safety goggles are required to be worn over the prescription glasses.

31. **Limitations on Live Firing.** Live firing is not usually approved to be conducted on Trentham Ranges on Christmas Day and Good Friday of each year due to the significance of these days. However, an exemption to conduct live firing on these days may be granted only under special circumstances. A written application is required to be forwarded to Range Control WRSC for consideration of such an exemption.

32. **Range Safety Officer Qualifications.** A Range Safety Officer is to be a suitably experienced member of the Club who is qualified to perform the duties of a Range Safety Officer for the shooting discipline sanctioned by Pistol NZ being fired in accordance with Pistol NZ rules and procedures. In accordance with HPC policy, a Range Safety Officer is a club member who has successfully passed the HPC's Range Safety Officers Course and therefore understands these Range Standing Orders.

- a. Range Safety Officer courses are the HPC's method of transferring the required knowledge of Range Standing Orders to members.

- b. The Executive Range Safety Officer is responsible for ensuring that new members comply with Range Standing Orders and to undertake a Range Officers Course.

33. **Range Safety Officer Responsibilities.** The responsibility of a Range Safety Officer is to ensure compliance with Range Standing Orders which includes the safety requirements imposed by NZDF, NZ Police and Pistol NZ.

- a. To simplify the running of live firing events and enforcement of range safety, it is compulsory for all HPC members to be Range Safety Officer qualified and to encourage members to qualify as a Range Officer in their chosen shooting discipline (i.e. IPSC, Action, ISSF etc).
- b. HPC members are to qualify as a Range Safety Officer within six (6) months of joining. Failure to do so may result in the cancellation of their membership. The HPC will not support an application for a “B” endorsement of their firearms licence or issue a member with a range key unless they are Range Safety Officer qualified.
- c. **Operating the Range.** The Range Safety Officer is responsible for the following when operating the range.
 - (1) Live firing within a range may only commence after the range has been opened by a Range Safety Officer.
 - (2) The Range Safety Officer must ensure that each range open for live firing has an appointed Range Officer and that Range Officer understands the relevant safety requirements and associated hazards that apply to that range for the live firing discipline to be engaged.
 - (3) There must be at least one Range Safety Officer on the Range Complex during live firing. If the Range Safety Officer has to leave the Range complex another Range Safety Officer is to be appointed to allow live firing to continue.
 - (4) There must be at least one Range Officer on a range during live firing.
 - (a) If the Range Officer of a range is required to undertake another role or has to leave the range or the complex, then another Range Officer is to be appointed as a replacement to allow live firing to continue.
 - (b) Due to safety requirements, live firing on a range by oneself is prohibited.

34. **Range Officer Qualification.** A Range Officer is to be a suitably experienced member of Pistol NZ qualified to perform the duties of a Range Officer for the shooting discipline sanctioned by Pistol NZ being fired in accordance with Pistol NZ rules and procedures. Pistol NZ offer Range Officers courses for each type of live firing discipline (i.e. IPSC, Action, ISSF etc). It is the member’s responsibility to qualify for at least one of

these courses as soon as practicable after joining the HPC. Information on these courses is provided by the HPC Secretary or from Pistol NZ (www.pistolnz.org.nz).

35. **Range Officer Responsibilities.** The appointed Range Officer is to be in charge of live firing activities within a range of the complex, which includes the following:

- a. All safety matters related to use of that range.
- b. Issuing commands appropriate to a particular discipline to load, fire, cease fire, unload and make safe.
- c. How to apply time limitations of a particular discipline being engaged.
- d. Checking all firearms are unloaded and made safe before firers and associated personnel are permitted to move forward of the firing point.
- e. Understand how to score targets of a particular discipline being engaged.

36. **Range Staff.** To ensure minimum acceptable supervision of firers and overall range control, Range Officers are to be appointed as follows:

- a. One Range Officer for each firer where the type of shooting discipline requires a ratio of one Range Officer for each firer.
- b. If the type of shooting discipline does not require the ratio of one Range Officer for each firer, one Range Officer for each range and each group of ten firers within a range is to be appointed (i.e., fifteen firers in range 1 requires two Range Officers to be appointed).

37. **Range In Use Flags.** Red coloured Range In Use Flags are used to visually advise personnel about the range and area that the range is about to be used or is in use for live firing. Raising of the flags is to be the first task undertaken when entering the complex.

- a. **Locations.** Range In Use Flags are located at the range entrance (southwestern end) and by the historic target shed and range toilets, are two (2) flag poles. These flag poles have lockable metal containers attached and within each container is a red coloured Range In Use Flag. See attached images below.
- b. Both Range In Use Flags are to be hoisted to the top of each pole prior to live firing commencing.



Locations of the Range In Use Flags

38. **Prohibited Entry Points.** The following points of the complex are prohibited to be used as entry points when live firing is being conducted. See Annex E to Chapter 2 for locations.

- a. From the northern end of the old markers gallery, by the northern Range In Use Flag pole, southern side the historical target shed that leads to Range 1.
- b. From the southern end of the old markers gallery that leads to Range 5.

39. **Range In Use Identification.** Located on the western wall of the Range Office, visible when accessing through the range entrance cut-a-way from the carpark, is a Range In Use Identification board. This board has each range of the complex named on it with individual slides to indicate if the particular range is “In Use” or “Not in Use”.

- a. The activation of the Range In Use Identification Board is the responsibility of the Range Safety Officer.

40. **Limitations When Using the Range.** Due to the layout of the range and the types of live firing activities that are authorised to be conducted upon it, certain limitations must be applied to provide appropriate safety for all personnel within the range complex and other users of an adjacent range and the nearby area.

- a. **Concurrent Use of Firing Ranges.** Ranges 1-3 and 5 may be used concurrently with the use of pistols and shotgun (firing shot) only in the following conditions:
 - (1) When engaging penetrable type targets.
 - (2) When engaging steel targets that have Pistol NZ authorised ricochet suppression shelters covering the steel target.
- b. **Maximum Pistol Firing Distances on Ranges 1, 2 and 3.** The maximum firing distance for pistol use on Ranges 1, 2 and 3 is restricted to 26.8 metres only.

- c. **Maximum Shotgun Firing Distances on Ranges 1, 2 and 3.** The maximum firing distance for shotguns on Ranges 1, 2 and 3 is 20m only.
- d. **Maximum Pistol Firing Distances on Range 5.** The maximum firing distance for pistol on Range 5 is 100m only.
- e. **Maximum Rifle and Shotgun Firing Distances on Range 5.** The maximum firing distance of rifles and shotguns in Range 5 is 100m only.

41. **Authorised Live Firing Disciplines.** The HPC may only conduct pistol live firing disciplines that are sanctioned by Pistol NZ in accordance with Pistol NZ rules and procedures and that are authorised in these range standing Orders. In the event of any conflict between the rules and procedures sanctioned by Pistol NZ and these range standing orders, these range standing orders are to take precedent. The following firearms and live firing disciplines are authorised to be conducted on the following ranges:

- a. **Range 1.** Authorised for static and moving (maximum movement of 10° from the range axis) firers engaging static targets only. Up to 15 firers are permitted with one firer per lane engaging one target in that lane or for a single firer engaging an IPSC course of fire with multiple targets including steel targets in accordance with paragraph 49.c. "Target Placement".
 - (1) **Practical Pistol, IPSC, and Action up to 25 metres.** Revolvers, semi-automatic and muzzle loading pistols that fire .22 cal rimfire, up to 12.5mm centrefire and muzzle loading ammunition.
 - (2) **Practical Pistol Steel Targets from 10 metres up to 15 metres only.** Revolvers, semi-automatic and muzzle loading pistols that fire .22 cal rimfire, up to 45 cal centrefire and muzzle loading ammunition. See paragraph 49 – "Authorised Targets, subparagraph (2) – Steel Targets for details of use.
 - (3) **Informal Pistol up to 25 metres.** Air/gas powered, single shot, revolvers, semi-automatic and muzzle loading pistols that fire gas/air powered ammunition, 22 cal rimfire, up to 12.5mm centrefire and muzzle loading ammunition.
 - (4) **Shotgun Static Up to 20 metres.** Shotguns that fire up to 12-gauge ammunition.
- b. **Ranges 2 and 3.** Authorised for static and moving (maximum movement of 10° from the range axis) firers engaging static and turning targets only. Up to 5 firers are permitted with one firer per lane engaging one target in that lane or a single firer engaging an IPSC course of fire with multiple targets in accordance with paragraph 49. c. "Target Placement".
 - (1) **Practical Pistol, IPSC, Informal Pistol and Action up to 25 metres.** Revolvers, semi-automatic and muzzle loading pistols that fire .22 cal rimfire, up to 12.5mm centrefire and muzzle loading ammunition.

- (2) **Informal Pistol up to 25 metres.** Air/gas powered, single shot, revolvers, semi-automatic and muzzle loading pistols that fire air/gas powered ammunition, .22 cal rimfire, up to 12.5mm centrefire and muzzle loading ammunition.
- (3) **Shotgun Static up to 20 metres.** Shotguns up to 12-gauge ammunition.
- c. **Range 4 - Closed.** Due to being under construction, live firing of any nature in Range 4 is prohibited.
- d. **Range 5.** Authorised for static and moving (maximum movement of 10° from the range axis) firers engaging static targets only. Up to 14 firers, with one firer per lane engaging one target with that lane or for a single firer engaged in an IPSC course of fire with multiple targets in accordance with paragraph 49.c. "Target Placement".
 - (1) **Practical Pistol, IPSC, Informal Pistol and Action up to 25 metres.** Revolvers, semi-automatic and muzzle loading pistols that fire .22 cal rimfire, up to 12.5mm centrefire and muzzle loading ammunition.
 - (2) **Practical Pistol, IPSC, Informal Pistol and Action from 25 metres up to 50 metres.** Revolvers, semi-automatic and muzzle loading pistols that fire .22 cal rimfire, up to 12.5mm centrefire and muzzle loading ammunition.
 - (3) **Handgun Metallic Silhouette.** Revolvers, semi-automatic, single-shot that fire .22 cal up to 45 cal ammunition.
 - (4) **Shotgun Static Target up to 100 metres.** Shotguns that fire up to 12-gauge shot and rifle slug ammunition.
 - (5) **Aerial Clay Targets.** Shotguns up to 12-gauge (shot size 7 1/2 to 9) ammunition.
 - (6) **Rifle Static up to 100 metres.** Air/gas powered, single shot, bolt action, lever action, semi-automatic and blackpowder rifles that fire air/gas powdered ammunition, .22 cal rimfire up to 11.45mm pistol cartridges, up to 7.62mm, including .303 cal and 8mm centrefire rifle and blackpowder up to .58 cal (14.73mm) and up to 12 gauge shotgun rifled slug ammunition.

42. **Authorised Firearms.** The following firearm types are authorised for use on Collins/HPC Range:

- a. **Pistol.** Air/gas powered, single shot, revolver, semi-automatic and muzzle loading.
- b. **Shotgun.** Single barrel, double barrel, pump action and semi-automatic.
- c. **Rifle.** Air/gas powered, single shot, bolt action, lever action, semi-automatic, blackpowder, muzzle loading and rifle firing pistol ammunition.

43. **Unzeroed Firearms.** All firearms should be zeroed to the firer prior to being fired on the HPC/Collins Range. As this is not practicable in all situations, it is acceptable for bore-sighted firearms to be fired so long as the fall of shot is observed from the firing point. If after three shots the fall of shot is not within the relevant cone of fire (see Annex B to Chapter 2), the bore-sighted firearm is to be removed from the range and zeroed at another range before being used at the HPC/Collins Range. To improve bore-sighting effectiveness, it is suggested that a mechanical bore-sighting device is used.

44. **Use of Suppressors.** As suppressors are a mechanical device, they require maintenance to be kept in top condition for safe use. Maintenance cleaning programmes are to be conducted in accordance with the manufacturer's recommendations. If a particular brand of suppressor does not have a manufacturers maintenance programme, that suppressor is to be checked periodically by the HPC armourer. If a suppressor presented on the range complex has not been cleaned in accordance with manufacturers recommendations or shows any one of the following faults it is not to be used:

- a. Misalignment with the barrel axis,
- b. Dented,
- c. Cracked,
- d. Bulged,
- e. Obstructed bore,
- f. Loose baffle(s), or
- g. Perforated.

45. **Authorised Ammunition.** The following ammunition is authorised for use on the Range. **Note:** ammunition that is not listed below is not authorised for use on the Collins /HPC Range complex.

- a. Pistol (rimfire, centrefire, blackpowder and muzzle loading) up to .50 cal (12.5mm).
- b. Shotgun up to 12 gauge all shot sizes, buckshot and solids.
- c. Rifle (blackpowder and muzzle loading) up to .58 cal (14.73mm)
- d. Rifle (firing pistol ammunition) up to .45 Long Colt (11.45mm).
- e. Rifle (centrefire) up to 7.62mm (.308), including .303 cal up to 8mm.

46. **Ammunition Limitations.** Ammunition authorised for use on the range complex is restricted to the below performance limitations.

- a. **Airgas Powered.** Is not to exceed a muzzle energy of 16 J (12ft/lbs).
- b. **Rimfire.** Is not to exceed a muzzle velocity of 610 m/s (2000 ft/s) or a muzzle energy of 480 J (350 ft/lbs).

- c. **Centrefire Pistol.** Is not to exceed a muzzle velocity of 655 m/s (2145 ft/s) or a muzzle energy of 2030 J (1495 ft/lbs).
 - d. **Shotgun (Shot and Slug).** Is not to exceed a muzzle velocity of 411 m/s (1350 ft/s).
 - e. **Centrefire Rifle.** Is not to exceed a muzzle velocity of 1000 m/s (3280 ft/s) or a muzzle energy of 4500 J (3319 ft/lbs).
- (1) **Centrefire Rifle Hand Loaded Ammunition.** Centrefire rifle hand loaded ammunition presented for use on the range is to be checked by live firing through a chronograph to confirm that its performance does not exceed the above limitations for Centerfire Rifle. If the hand loaded ammunition exceeds the muzzle velocity and/or muzzle energy for that ammunition type, it is not to be used. Any change of component within the hand loaded ammunition will require its performance to be rechecked through the above process.

47. **Ammunition Hang-fire Procedure.** If in the event of an ammunition hang-fire occurring, the firer is to maintain pointing the firearm down-range at the target/bullet catcher and wait 60 seconds before opening the firearm's action to eject the cartridge.

48. **Unauthorised Ammunition.** Due to fire, excessive penetration, ricochet and/or backsplash hazards, the following ammunition natures are prohibited for use on the Collins/HPC Range:

- a. Any ammunition that exceeds the performance limitations for the ammunition type stated in paragraph 46. "Ammunition Limitations".
- b. Tracer,
- c. Armour piercing or penetrating,
- d. Incendiary,
- e. Lead-free, solid-bullets, monolithic or mono-metallic construction,
- f. Sabot/discarding jacket, or
- g. Corroded.
- h. Steel shot is not to be engaged on steel targets.

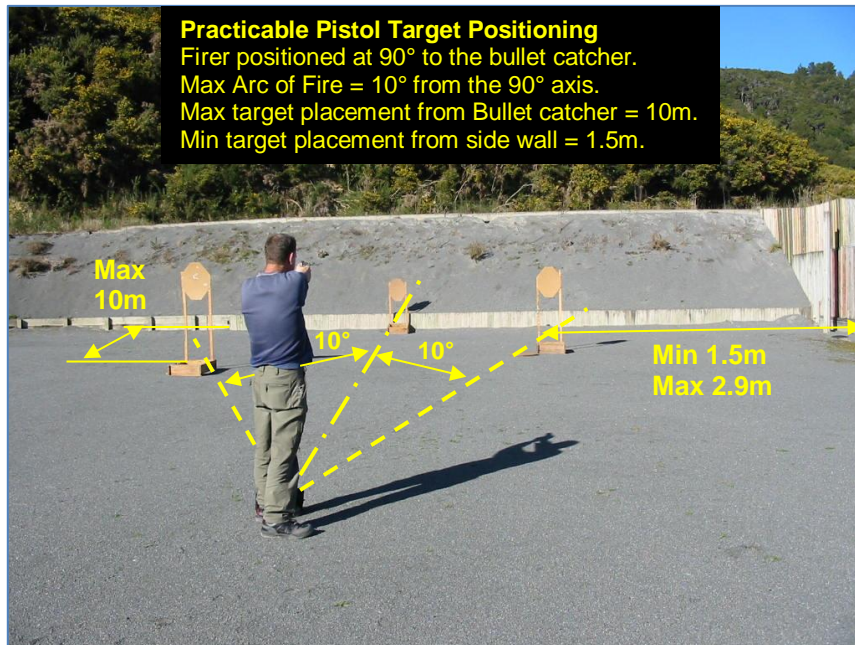
49. **Authorised Targets.** The following targets are authorised for use on the Range complex:

- a. **Construction.** Penetrable targets and target backings are to be constructed of a suitable material that allows a fired projectile to pass through without excessive deviation from the target to the bullet catcher. The following target construction limitations are as follows:

- (1) **Penetrable Targets.** Where possible, all penetrable type targets are to be constructed so that the target frame is outside of the cone of fire and projectiles easily penetrate the target face and backing without significant deviation from their original trajectory.
 - (a) **Practical Pistol.** It is permissible for the target frame of Practical Pistol targets to be within the cone of fire so long as the frame is made from soft wood battens (approximately 50mm x 15mm).
 - (b) **Informal Pistol.** It is also permissible for the frame of Informal Pistol targets to be within the cone of fire so long as the frame is made from the 50mm x 50mm soft wood and a limited danger area is applied to the Trentham Defence Area boundary.
 - (2) **Steel Targets.** Only Pistol NZ authorised steel targets are approved for use on Collins/HPC Range. It is the responsibility of the HPC Range Safety Officer to confirm the condition of all steel targets complies with Pistol NZ requirements that are intended for use.
 - (a) **Steel Target Condition.** Steel targets for engagement are to be made from Pistol NZ authorised hardened steel, which are not to be cratered, holed, cracked or dished. Any steel target that contains craters, holes, cracks or is dished, it is not to be used.
 - (b) **Steel Targets with Authorised Ricochet Suppression Covers.** Steel targets that are protected with authorised ricochet suppression covers (see Annex D to Chapter 2) may be engaged when placed on a range floor or in a range bullet catcher. See paragraph 49.c. (4) Target Placement.
 - (c) **Steel Targets without Authorised Ricochet Suppression Covers.** Steel targets that are not protected with authorised ricochet suppression shelters may only be engaged when they are positioned within the bullet catcher with canopy on the northern part of Range 1.
- b. **Target Centres.** All targets presented for engagement on the complex are to have target centres positioned so that relevant cone of fire, when applied from the firer's position, is completely captured by the bullet catcher impact face.
- (1) **Practicable Pistol Penetrable Targets.** The centres of practicable pistol targets are to be positioned so that the cone of fire, applied to a line from the firer's firearm through the target centre, is completely captured by the bullet catcher. See paragraph 48. "Cone of Fire".
 - (2) **Informal Pistol Penetrable Targets.** The centre height for Informal Pistol targets is to be a maximum of 1.5m to a minimum of 1.2m above ground level (range floor) at the target line.
- c. **Target Placement.** The following target placement limitations for each range of the complex are as follows:

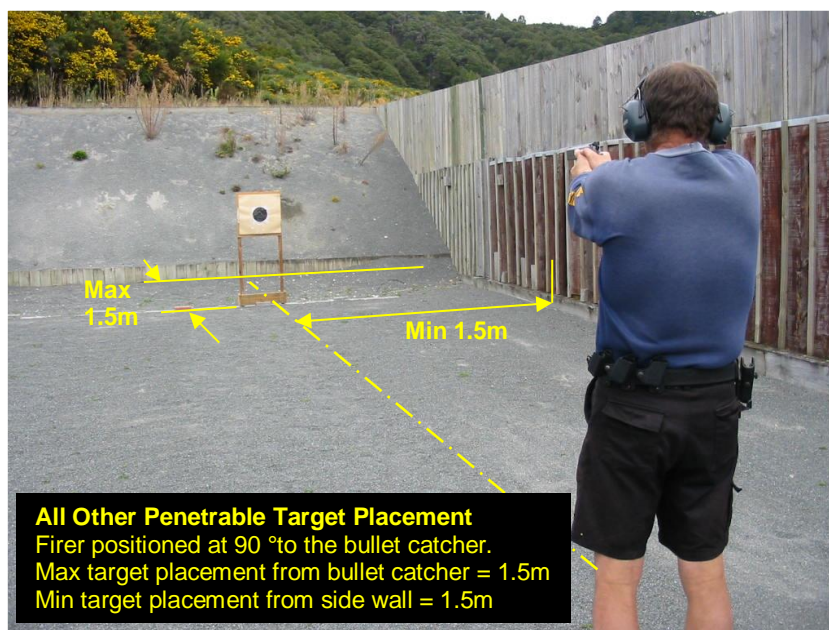
- (1) **Practicable Pistol Penetrable Targets.** Practicable Pistol penetrable targets are to be positioned as follows:

- (a) Within 10m of the bullet catcher toe, or
- (b) A minimum of 0.5m inside a line perpendicular to the forward edge (closest to the firer) of the bullet catcher with canopy in Range 1.



(Image of IPSC event with targets placed at a maximum of 10° right and left arc of fire from the 90° firer to bullet catcher axis)

- (2) **All Other Penetrable Targets.** All penetrable targets (less Practical Pistol Penetrable targets) are to be positioned within 1.5m of the bullet catcher toe.



(Image of other penetrable target placement with firer and target at 90° to the bullet catcher axis)

- (3) **Steel Targets without Ricochet Suppression Covers.** Steel targets that are not protected by ricochet suppression covers, are only to be engaged when positioned in the bullet catcher with canopy on Range 1.
- (a) Steel targets are to be positioned at a minimum of 0.5m inside a line perpendicular to the forward (closest to the firer) edge of the canopy with only one steel target positioned in each one of the canopy's openings.
- (4) **Steel Targets with Ricochet Suppression Covers.** Steel targets that are fitted with authorised ricochet suppression covers may be positioned at a maximum distance of 1.5m from a bullet catcher toe and may be positioned to a maximum height of 1.5m within a bullet catcher itself.
- (5) **Steel Targets Engaged with Rifle.** Steel targets to be engaged by centrefire rifle (only in Range 5) are to be positioned within the "shooting in box" permanently constructed within the range bullet catcher.
- (a) The engagement of steel targets that are not positioned within Range 5 shooting in box with high velocity ammunition (centrefire rifle) is prohibited.

d. **Extreme Left and Right Target Positioning.**

- (1) **Practical Pistol Penetrable Targets.** Practical Pistol penetrable targets are to be positioned in accordance with minimum distances in the below table from the compliant bullet catcher and side wall in Range 1.

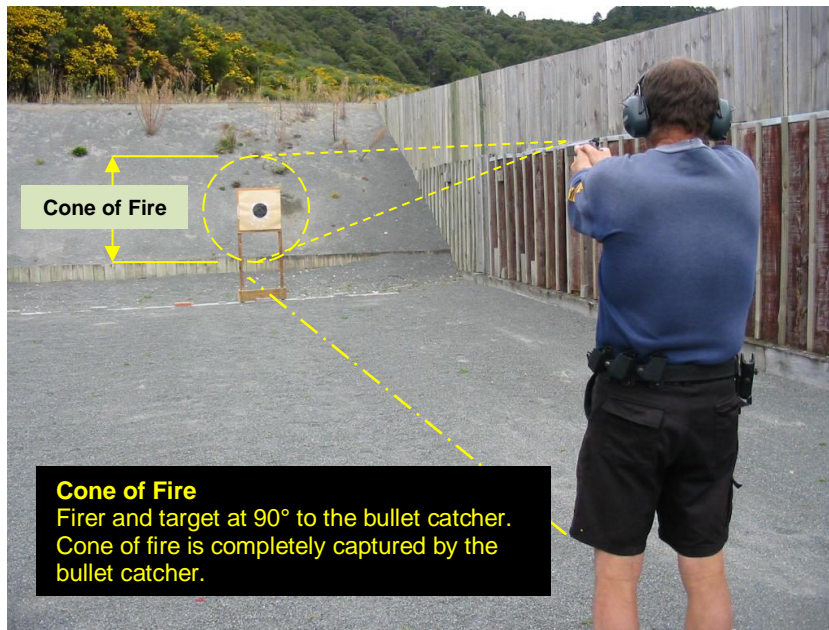
Target Distance from Stop Butt Toe (m)	1	2	3	4	5	6	7	8	9	10
Target Distance from Side Wall/End of Compliant Bullet Catcher (m)	1.5	1.5	1.5	1.5	1.5	1.74	2.03	2.32	2.61	2.9

(Table providing minimum target placement from range sidewalls in relation to minimum and maximum target placement from the bullet catcher toe)

- (2) **Informal Pistol Penetrable Targets.** Informal Pistol penetrable targets are to be positioned a minimum of 1.5m from the left and right side walls of ranges 2 and 3.

- e. **Target Spacing.** Where the possibility of wrong target engagement exists, target spacing (measured from target centre to target centre) is not to exceed 1.2m.

50. **Cone of Fire.** A cone of fire is the distribution of fired projectiles within a margin of error in the vertical and horizontal planes. The cone of fire consists of the core distribution, unintentional aiming error, variable weather conditions, wind estimation error and wrong target error the HPC have developed or accepted for the various firearms groups listed at Annex B to Chapter 2 for the live firing activities conducted on the Collins/HPC Range.



(Image of correct firer and target placement for the range bullet catcher to completely capture the cone of fire)

50. **Inability to Achieve the Cone of Fire.** The HPC are authorised to conduct live firing events (disciplines) that comply with Pistol NZ and the provisions within these orders. If, for any reason, a firer personally identifies or is identified as having fired a shot outside the relevant cone of fire, the following procedure is to occur:

- a. The firer is immediately to stop firing or be stopped and the range officer is to be notified.
- b. The firer's next shot is to be observed and if it falls within the relevant cone of fire, the firer may be permitted to continue firing.
- c. If the next shot does not fall within the relevant cone of fire, the firer is to be provided with a competent coach with the intention of bringing the fall of shot within the relevant cone of fire in the next three shots.
- d. Firers who are unable to achieve the relevant cone of fire within three shots (as detailed above) are to be prevented from further firing. Firers prevented from firing in this way may resume firing following identification and rectification of a firearm or ammunition fault. If the firearm and ammunition are found to be satisfactory, the firer is not to recommence firing until suitable dry training with the firearm has occurred.
- e. **Recording.** Details of all incidents of shots outside the relevant cone of fire are to be recorded in the HPC Range Logbook. If possible the details are to

include the location of the shot or shots that fell outside the relevant cone of fire.

51. **New Firers.** New firers are required to complete the Clubs training plan for new firers. It is the responsibility of the Club's Training Officer (CTO) to ensure all new firers complete this course.

- a. If for any reason the new firer personally identifies or is identified as having fired a shot outside the relevant cone of fire, the procedure in paragraph 49. "Inability to Achieve the Cone of Fire" is to be adopted and the shot(s) location(s) recorded.

52. **Waiting Firers.** The Range Officer is to ensure firers that are waiting to participate in a particular firing discipline are to be located a safe distance away from the firing area or firing line. Waiting firers may be positioned to observe the course of fire being shot.

53. **Spectators.** The Range Safety Officer / Range Officer is to ensure all spectators on the Range complex are located away from the firing area or firing line and be in a position where they can observe the firing activities, additionally:

- a. **Children.** All children observing live firing activities on the complex are to be supervised by their parent or guardian and are positioned at a location directed by the Range Safety Officer.
- b. **Hearing and Eye Protection.** All spectators, whether adult or child, observing live firing activities on the complex, are to wear appropriate eye and hearing protection See paragraph 20.a-b. "Hearing and Eye Protection for details.

CHAPTER 4 – BEFORE FIRING

54. **Before Live Firing.** Prior to any live firing activity commencing on the Collins/HPC Range Complex, the Range Safety Officer is responsible to ensure the following actions have been conducted.

55. **Range In Use Flags.** Ensure that both Range In Use Flags are hoisted to the top of each pole. This should be the first action undertaken when opening the range.

- a. **Note:** Live firing is not to commence until both Range In Use Flags have fully raised. See paragraph 35. "Range In Use Flags" for locations.

56. **Range In Use Identification Board.** Activate the Range In Use Identification Board to reflect what range is to be used for a particular firing discipline.

57. **Targets.** Ensure that all targets presented for a particular live firing discipline are correctly positioned so that the Cone of Fire is completely captured by the range bullet catcher. See paragraph 49.c. "Target Placement" and Annex B to Chapter 2 for Cones of Fire details.

58. **Range Danger Area Clearance.** Conduct a visual check of the range danger area to confirm that no personnel or vehicles are within it.

- a. If personnel or vehicles are seen to be within the range danger area, contact is to be made with the Camp Guard Hut over the Safety Net Radio, advising of the intrusion. See paragraph 29.e. "Intrusions" for details.
- b. Live firing is not to commence until the Camp Guards have removed the intrusion from the range danger area and that clearance to live fire has been provided by the Camp Guards.

59. **Inspection of Bullet Catchers.** An Inspection of the complex bullet catchers is to be conducted prior to the conduct of live firing. This inspection is to ensure that no ricochet or backsplash hazards exist. If any work is required to be performed on the bullet catchers, personal protection equipment is to be worn. See paragraph 70. "Personal Protection Equipment" for details.

- a. **Hard Materials.** If any hard materials, stones over 30mm in size or an excessive amount of fired projectiles are discovered on the bullet catcher surface, then the hard materials will require removal prior to live firing.
- b. **Uneven Surface.** If the bullet catcher face surface is found to have rabbit burrows, water ruts exposing fired projectiles or excessively uneven in its surface from firing into, then the burrows, rutting and the uneven surface will require filling in and flattening prior to live firing.
- c. **Bullet Catcher Impact Face Angle.** In accordance with Reference G, 34° (600 mils) is the recommended angle for the front face of the bullet catcher to reduce ricochet. From projectile impact and natural settlement, this angle will reduce, which must never fall below 30° (530 mils) as this may cause ricochet to leave the range danger area.

60. **Safety Brief.** Once all participants have congregated on the range, the Range Safety Officer or delegated authority is to conduct a safety brief appropriate for the planned firing activity to be conducted.

61. **Safety Net Communications of Live Firing.** The HPC Range Safety Officer is required to contact and advise the Camp Guard Hut when live firing is about to commence.

CHAPTER 5 – DURING FIRING

62. **Firearms Handling.** The Range Safety Officer or Range Officer are to be constantly vigilant of firers firearm handling, ensuring that all loaded firearms have their muzzles pointing down range towards the target and bullet catcher area at all times.

- a. Firearms are only to be handled, repaired, bagged or debugged either in the designated Safety Zone or under the direct supervision of a Range Officer.
- b. Firearms are only to be loaded on command of the Range Officer.

c. **Rules for Rifle and Shotgun.**

- (1) Rifles and shotguns must be debagged or bagged either on the firing line under the direct supervision of the Range Officer or in the designated Safety Zone.
- (2) **Storage.** Rifles and shotguns when debagged are to be stored in racks or in an area as directed by the Range Officer.
 - (i) Detachable magazines are to be removed.
 - (ii) Actions are to remain open or closed on a chamber flag.
- (3) **Carriage.** Rifles and shotguns that are debagged are to be carried vertically with muzzles pointing either up or down.
 - (i) Detachable magazines are to be removed.
 - (ii) Actions are to be open or closed on a chamber flag.
- (4) **Ammunition.** No ammunition of any kind is permitted on the firearm or in clips or in loops attached to the firearm or to a sling fitted to the firearm, except under direct command and supervision of the Range Officer.

63. **Accidents and Incidents.** The Range Safety Officer, Range Officers and all participants on the range are to be vigilant of accidents and incidents and if an accident or incident is seen to occur are responsible to prevent it by stopping live firing through shouting the command “**STOP**”. See paragraph 29. “Emergency Procedures” for details.

64. **Intrusions.** The Range Safety Officer, Range Officers and all participants are to be vigilant for any intruders entering the range danger area of any of the ranges, See paragraph 29.e. “Intrusions” for details.

65. **Inability to Achieve the Cone of Fire.** If any firer who is observed firing outside the relevant cone of fire, the procedure detailed at paragraph 50. is to be followed.

66. **Firearm Clearance.** When a particular live firing event has ceased and before the firearm is removed from the range; the Range Officer is to visually check all firearms used to ensure each firearm does not have a magazine fitted and the chamber and action do not contain ammunition.

CHAPTER 6 – AFTER FIRING

67. **Removing Firearms from the Range.** Once all firearms are confirmed as being clear of ammunition, the firearms can be removed from the range providing they are suitably bagged or boxed.

68. **Safety Net Communications of Cessation of Firing.** At the completion of firing, after all firearms have been cleared, the Range Safety Officer is to contact the Camp Guard Hut over the Safety Net Radio and advise that all live firing has ceased.

69. **Range Refurbishment.** At the completion of live firing, the range is to be refurbished to its original condition by the following:

- a. Remove all brass (fired cases),
 - (1) Containers are provided in each range to dispose of used brass.
- b. Remove and dispose of all rubbish.
- c. All targets, stands and props used are replaced in the respective on-range store.
- d. Lower Range In Use Flags.
- e. Refurbish all range bullet catchers that were used. See paragraph 59. a-c “Inspection of Bullet Catchers” for details.

Note: To minimise lead contamination when refurbishing the bullet catchers, personal protective equipment is to be worn. See paragraph 70. “Personnel Protection Equipment” for details.

70. **Personal Protection Equipment.** When conducting bullet catcher refurbishment, the following is to be undertaken to prevent inhaling or absorbing disturbed lead contaminated dust particles.

- a. A dust mask is to be worn over the nose and mouth.
- b. After refurbishment, hands and exposed skin is to be washed.

71. **Securing the Range.** Once the range has been refurbished, the Range Safety Officer is responsible to secure the range gate and the yellow security gates at the end of the golf club road when exiting.

72. **Returning Range Keys.** Return the range keys to the Camp Guard Hut.

- a. When returning the range keys, complete the column, as originally begun in the Key Register as detailed in paragraph 23.a. “Key Register”.
- b. Erase the entry made on the Range In Use Board (white board) as detailed in paragraph 24. “Range In Use Board”.
- c. Deactivate the “Collins Range” slide of the Range Indication Board to “not in use” as detailed in paragraph 25.b.

CHAPTER 7 – RANGE and USER SPECIFIC CONTENT

73. **Ballistic Safety Maintenance Schedule.** (Under Construction)

COLLINS / HERTAUNGA PISTOL CLUB RANGE SAFETY CERTIFICATES



NEW ZEALAND DEFENCE FORCE

RANGE SAFETY CERTIFICATE

Name of Range: Range 1 of the Collins / Heretaunga Pistol Club Range Complex located within the Trentham Defence Area.

Type of Range: 26.8m Outdoor Non-Standard Limited Danger Area Pop-Over (LDA-P) Range with a maximum of 9 lanes with 1 firer per lane from 20m and a maximum of 4 lanes with one firer per lane from 26.8m.

Name of User Organisation: Heretaunga Pistol Club.

1. I certify that I am a New Zealand Defence Force (NZDF) appointed range auditing officer and that I have attended a Range Advisory Officers Seminar conducted by Weapons and Range Safety Branch (W&RS Br) NZDF Landworthiness Cell, within the previous five years.
2. I certify that on 28 June 2018 I audited the above range and that it conformed in all respects to current ballistic safety best practice for the range type.
3. I declare this range safe for use subject to the following conditions:
 - a. Compliance with Trentham Military Camp Collins / Heretaunga Pistol Club Range Standing Orders, authorised by the Commanding Officer Wellington Regional Support Centre on 29 January 2018.
 - b. Compliance with the New Zealand Army range audit cycle at Defence Force Orders for the Army Volume 7 – *Training*, Book 5 – *Live Firing Ranges*, Chapter 2 – *Range Management*, Section 3 – *Purpose-Built Range Audits*.
 - c. Compliance with the Ballistic Safety Maintenance Schedule to be produced by Headquarters Wellington Regional Support Centre (HQ WRSC).
 - d. Regular self-monitoring and removal of stones larger than 30mm in size from the impact areas of the bullet catcher prior to be fired into.
4. This certificate expires at 2359 hours on 30 June 2019.
5. This certificate is immediately suspended until reinstated by the range controlling authority in consultation with W&RS Br, in any of the following events:
 - a. An entire range structure fails to meet the minimum design requirement;
 - b. Any activity that is not authorised by range standing orders, or the range controlling authority, is conducted; and
 - c. On the occurrence of any serious injury or event requiring notification to a regulator external to the NZDF.
6. A copy of this certificate has been retained by Range Control HQ WRSC. A copy has been forwarded to W&RS Br and the President of the HPC.

S.D. LAMB

Mr
Range Control HQ WRSC

29 June 2018



NEW ZEALAND DEFENCE FORCE

RANGE SAFETY CERTIFICATE

Name of Range: Range 2 of the Collins / Heretaunga Pistol Club Range Complex within the Trentham Defence Area.

Type of Range: 26.8m Outdoor Non-Standard Limited Danger Area (LDA) Range with a maximum of 8 lanes with 1 firer per lane.

Name of User Organisation: Heretaunga Pistol Club (HPC).

1. I certify that I am a New Zealand Defence Force (NZDF) appointed range auditing officer and that I have attended a Range Advisory Officers Seminar conducted by Weapons and Range Safety Branch (W&RS Br) NZDF Landworthiness Cell, within the previous five years.
2. I certify that on 28 June 2018 I audited the above range and that it conformed in all respects to current ballistic safety best practice for the range type.
3. I declare this range safe for use subject to the following conditions:
 - a. Compliance with Trentham Military Camp Collins / Heretaunga Pistol Club Range Standing Orders authorised by the Commanding Officer Wellington Regional Support Centre on 29 January 2018.
 - b. Compliance with the New Zealand Army range audit cycle at Defence Force Orders for the Army Volume 7 – *Training*, Book 5 – *Live Firing Ranges*, Chapter 2 – *Range Management*, Section 3 – *Purpose-Built Range Audits*.
 - c. Compliance with the Ballistic Safety Maintenance Schedule to be produced by Headquarters Wellington Regional Support Centre (HQ WRSC).
4. This certificate expires at 2359 hours on 30 June 2019.
5. This certificate is immediately suspended until reinstated by the range controlling authority in consultation with W&RS Br, in any of the following events:
 - a. An entire range structure fails to meet the minimum design requirement;
 - b. Any activity that is not authorised by range standing orders, or the range controlling authority, is conducted; and
 - c. On the occurrence of any serious injury or event requiring notification to a regulator external to the NZDF.
6. A copy of this certificate has been retained by Range Control HQ WRSC. A copy has been forwarded to W&RS Br and the President of the HPC.

A handwritten signature in blue ink, appearing to read 'S.D. Lamb'.

S.D. LAMB

Mr

Range Control HQ WRSC

29 June 2018



NEW ZEALAND DEFENCE FORCE

RANGE SAFETY CERTIFICATE

Name of Range: Range 3 of the Collins / Heretaunga Pistol Club Range Complex within the Trentham Defence Area.

Type of Range: 26.8m Outdoor Non-Standard Limited Danger Area (LDA) Range with a maximum of 5 lanes with 1 firer per lane.

Name of User Organisation: Heretaunga Pistol Club (HPC).

1. I certify that I am a New Zealand Defence Force (NZDF) appointed range auditing officer and that I have attended a Range Advisory Officers Seminar conducted by Weapons and Range Safety Branch (W&RS Br) NZDF Landworthiness Cell, within the previous five years.
2. I certify that on 28 June 2018 I audited the above range and that it conformed in all respects to current ballistic safety best practice for the range type.
3. I declare this range safe for use subject to the following conditions:
 - a. Compliance with Trentham Military Camp Collins / Heretaunga Pistol Club Range Standing Orders authorised by the Commanding Officer Wellington Regional Support Centre on 29 January 2018.
 - b. Compliance with the New Zealand Army range audit cycle at Defence Force Orders for the Army Volume 7 – *Training*, Book 5 – *Live Firing Ranges*, Chapter 2 – *Range Management*, Section 3 – *Purpose-Built Range Audits*.
 - c. Compliance with the Ballistic Safety Maintenance Schedule to be produced by Headquarters Wellington Regional Support Centre (HQ WRSC).
4. This certificate expires at 2359 hours on 30 June 2019.
5. This certificate is immediately suspended until reinstated by the range controlling authority in consultation with W&RS Br, in any of the following events:
 - a. An entire range structure fails to meet the minimum design requirement;
 - b. Any activity that is not authorised by range standing orders, or the range controlling authority, is conducted; and
 - c. On the occurrence of any serious injury or event requiring notification to a regulator external to the NZDF.
6. A copy of this certificate has been retained by Range Control HQ WRSC. A copy has been forwarded to W&RS Br and the President of the HPC.

S.D. LAMB

Mr

Range Control HQ WRSC

29 June 2018



NEW ZEALAND DEFENCE FORCE

RANGE SAFETY CERTIFICATE

Name of Range: Range 5 of the Collins / Heretaunga Pistol Club Range Complex within the Trentham Defence Area.

Type of Range: 100m Outdoor Non-Standard Limited Danger Area (LDA) Range with a maximum of 14 lanes with 1 firer per lane.

Name of User Organisation: Heretaunga Pistol Club.

1. I certify that I am a New Zealand Defence Force (NZDF) appointed range auditing officer and that I have attended a Range Advisory Officers Seminar conducted by Weapons and Range Safety Branch (W&RS Br) NZDF Landworthiness Cell, within the previous five years.
2. I certify that on 28 June 2018 I audited the above range and that it conformed in all respects to current ballistic safety best practice for the range type.
3. I declare this range safe for use subject to the following conditions:
 - a. Compliance with Trentham Military Camp Collins / Heretaunga Pistol Club Range Standing Orders authorised by the Commanding Officer Wellington Regional Support Centre on 29 January 2018.
 - b. Compliance with the New Zealand Army range audit cycle at Defence Force Orders for the Army Volume 7 – *Training*, Book 5 – *Live Firing Ranges*, Chapter 2 – *Range Management*, Section 3 – *Purpose-Built Range Audits*.
 - c. Compliance with the Ballistic Safety Maintenance Schedule to be produced by Headquarters Wellington Regional Support Centre (HQ WRSC).
4. This certificate expires at 2359 hours on 30 June 2019.
5. This certificate is immediately suspended until reinstated by the range controlling authority in consultation with W&RS Br, in any of the following events:
 - a. An entire range structure fails to meet the minimum design requirement;
 - b. Any activity that is not authorised by range standing orders, or the range controlling authority, is conducted; and
 - c. On the occurrence of any serious injury or event requiring notification to a regulator external to the NZDF.
6. A copy of this certificate has been retained by Range Control HQ WRSC. A copy has been forwarded to W&RS Br and the President of the HPC.

S.D. LAMB

Mr

Range Control HQ WRSC

29 June 2018

**NZ Police Approval Document for the Heretaunga Pistol Club Use of Pistols on the
Collins / Heretaunga Pistol Club Range at Trentham**

Awaiting receipt of amended NZ Police Range Certification approval document for insertion.

[The NZ Police Range Certification approving the range for target pistol shooting by the Heretaunga Pistol Club (HPC) on the Collins/HPC Range dated 02 March 2016 refers to the previous (obsolete) Range Standing Order dated 20 June 2011.

To bring this document into effect, a request has been lodged with Police National Headquarters (dated 08 June 2017) to amend the Police Range approving document to reflect the new range standing order dated 17 March 2017. This amendment has also been agreed by the HPC in consultation with Pistol NZ and NZDF.]