

This copy of the Rules of Shooting incorporates approved changes in blue print. These changes are due to be published in paper form in April 2010

The Grand National Archery Society



RULES OF SHOOTING

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GRAND NATIONAL ARCHERY SOCIETY

RULES OF SHOOTING

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Imperial/Metric Conversions

1 metre = 1 yard 0 feet 3.37 inches
1 kilogram = 2.2 pounds

1 yard = 0.914 metres
1 pound = 0.454 kilograms

GRAND NATIONAL ARCHERY SOCIETY

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Preface

These Rules of Shooting are approved by the GNAS to give guidance to archers so they may practice their sport and engage in safe, fair competition with a spirit of friendly rivalry, all in keeping with the GNAS motto of "Union, Trueheart and Courtesie". Archers, judges and others interpreting these rules are expected to do so sensibly and realistically.



Jan Howells
Director of Operations, GNAS

Amendment Procedures

1. Proposals or suggestions for changes to these Rules of Shooting should initially be forwarded in writing to the Director of Operations via the GNAS office.
2. The Director of Operations will then pass the proposal to the relevant sub Committee Chairman.
3. If a change is agreed in principle, a proposal will then be drafted by that Committee and put before the Operations Committee for consideration. If agreed, a proposal will be published in Archery UK and on the GNAS website and comments invited from the membership.
4. Members comments must be received at the GNAS Office within two months from the week the Archery UK is published.
5. At the end of this consultation period the proposal and any comments received will be reviewed by the relevant sub Committee.
6. The final proposal will be considered by the Operations Committee. If agreement is obtained from this Committee, the new rule will be published in Archery UK and on the GNAS website.
7. After approval by the Operations Committee, the new rule will become effective on the following 1st March or 1st September, whichever occurs first.
8. Notwithstanding the procedures given above, changes to the Rules of Shooting regarding urgent safety matters may be enacted at any time by the Director of Operations, in consultation with the relevant sub-Committee Chairman.

Replacement pages covering all changes to the Rules of Shooting will be issued every two years.

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Introduction

1. Gender

The Rules are written in the masculine for simplicity and avoidance of repetition. Unless the context deems otherwise, all references to males refer equally to females.

2. Federation International de Tir à l'Arc (FITA)

- (a) The GNAS is a Member Association of FITA, the international governing body for archery recognised by the International Olympic Committee.
- (b) There are many similarities between FITA Rules and those in this book. However, many of the FITA rules are geared to the staging of world championship events. Accordingly, shooting will normally be to the GNAS Rules published herein; FITA Rules may apply when FITA recognised rounds are shot and guidance is given on the application of FITA rules when shooting at all levels of tournament.
- (c) Extracts from FITA Constitution and Rules are produced with permission.

3. Etiquette.

A Good Archer:

- (a) Does not talk in a loud voice whilst others are shooting.
- (b) Does not talk to another competitor who obviously prefers to be silent.
- (c) Does not make any exclamation on the shooting line that might disconcert a neighbour in the act of shooting.
- (d) Does not go behind the target to retrieve his arrows before his score has been recorded.
- (e) Does not walk up and down the shooting line comparing scores.
- (f) Does not touch anyone else's equipment without permission.
- (g) Does not leave litter.
- (h) When calling scores does so in groups of three, for example '7 - 7 - 5' pause '5 - 5 - 3'.
- (j) If he breaks another's arrow through his own carelessness, pays for it in cash on the spot.
- (k) Thanks the Target Captain at the end of each round for work on his behalf.

4. Challenge Trophies

- (a) Most Challenge Trophies are valuable and irreplaceable. The holder is responsible for them whilst in his possession and for their return at the appropriate time in a clean and fit condition for presentation, and with any necessary engraving correctly executed.
- (b) The cost of engraving of National Trophies can be reimbursed on application to the GNAS Chief Executive.

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PART 1

BOW SAFETY

101. Introduction

- (a) These bow safety rules apply to all archery disciplines. Other safety rules are given in the separate Parts of these Rules.
- (b) Each member of the Society has a duty of care to ensure that his actions do not compromise the safety of himself or others.

102. General

- (a) No archer may draw his bow, with or without an arrow, except when standing at the shooting line or peg. If an arrow is used, the archer shall aim toward the targets but only after being satisfied that the field is clear both in front of and behind the targets.
- (b) When drawing back the string of the bow an archer shall not use any technique which, in the opinion of the judges, could, if accidentally loosed, allow the arrow to fly beyond a safety zone or safety arrangements (overshoot area, net, wall, etc). If an archer persists in using such a technique, he will, in the interest of safety, be immediately asked by the Judge to stop shooting and to leave the area.
- (c) If anyone present where archery is taking place becomes aware that shooting should be halted for safety reasons, that person must call "FAST". On hearing this call, all archers must immediately stop shooting, returning all unshot arrows to the quiver. If necessary, the call of "FAST" should be repeated by other archers to ensure that everyone has heard and stopped shooting. Shooting will recommence only on the instruction of the Judge.
- (d) The Judge, in consultation with the appointed tournament organiser is empowered to require any individual who is considered to be jeopardising the safety of the tournament to immediately leave the shooting ground.

103. Numbers Present

- (a) On the grounds where the public have a right of access, there must be a minimum of two people present each being a minimum of 18 years of age when any shooting is in progress, one of whom may be a non-archer to act as a lookout. The archer is responsible to inform the lookout of all safety aspects applicable. Where two adult archers are present and shooting together they will alternate on the shooting line so that the non-shooting archer can act as the lookout.
- (b) Solo shooting by senior archers (ie archers 18 and over) is permitted on private land which is fenced all round and where the public has no legal right of access. A warning notice must be displayed at all entrances and points of access. Any member shooting on their own is doing so at their own risk in respect of personal injuries.
- (c) Juniors When junior archers (ie archers under 18) are shooting individually or in groups they must be supervised by an adult member (excluding honorary members) of the Society

104. Crossbow Safety

- (a) A crossbow may NOT be drawn or cocked except on the shooting line and in the direction of the targets, after the arbalist has ensured that the field is clear both in front of and behind the targets.
- (b) If shooting is interrupted for any reason, crossbows shall be lowered immediately so that they are directed at the ground immediately in front of the shooting line and the bolt removed.
- (c) No person less than 12 years of age may shoot or manipulate a crossbow.

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PART 2

BOWSTYLES

201. Introduction and General Rules The recognised bowstyles are given below. Additional information is also provided where necessary within the Rules for each separate archery discipline. The following general rules apply to all bowstyles:

- (a) Visual Aids.
 - (i) Field glasses, telescopes and other visual aids may be used for spotting arrows.
 - (ii) Prescription spectacles or shooting spectacles, provided they are fitted with the same lenses normally worn by the archer, and sun glasses may be used. The glass of the non-sighting eye may be fully covered or taped, or an eye patch may be used.
 - (iii) No visual aid may be fitted with microhole lenses, or similar devices, nor marked in any way which can assist in aiming.
- (b) Accessories. Accessories are permitted such as limb savers, bracer, dress shield, bowsling, belt or ground quiver, and tassel. Foot markers are also permitted but must not protrude above the ground more than one centimetre.
- (c) Broad-head, edged, bodkin, silver spoon and any other large diameter arrow piles are not permitted.
- (d) An archer's equipment must not represent an undue obstacle to other archers on the shooting line.

202. Recurve (Freestyle) The following items are permitted:

- (a) Bow
 - (i) A bow of any type provided it subscribes to the accepted principle and meaning of the word bow as used in archery, e.g., an instrument consisting of a handle(grip), riser (no shoot through type) and two flexible limbs each ending in a tip with a string nock.
 - (ii) The bow is braced for use by a single string attached directly between the two string nocks only, and in operation is held in one hand by its handle (grip) while the fingers of the other hand draw, hold back and release the string.
 - (iii) Multi coloured bow risers and trademarks located on the inside of the upper limb are permitted.
- (b) Bowstring
 - (i) A bowstring of any number of strands that may be of different colours and of the material chosen for the purpose with a centre serving to accommodate the drawing fingers, a nocking point to which may be added serving(s) to fit the arrow nock as necessary, and to locate this point, one or two nock locators may be positioned, and at each end of the bowstring a loop to be placed in the string nocks of the bow when braced.
 - (ii) In addition one attachment is permitted on the string to serve as a lip or nose mark. The serving on the string must not end within the archer's vision at full draw. The bowstring must in no way offer aid in aiming through a peephole, marking or any other means.
- (c) Arrowrest
 - (i) An arrowrest, which can be adjustable, any moveable pressure button, pressure point or arrowplate may all be used on the bow provided they are not electric or electronic and do not offer any additional aid in aiming.
 - (ii) The pressure point shall be placed no further than 4cm back (inside) from the throat of the handle (pivot point) of the bow.
- (d) Draw Check Indicator A draw check indicator, audible and/or visual, other than electric or electronic, may be used.
- (e) Bowsight A bowsight for aiming is permitted, but at no time may more than one such device be used. A bowsight attached to the bow for the purpose of aiming which may

allow for windage adjustment as well as elevation setting is subject to the following provisions:

- (i) It shall not incorporate a prism or lens or any other magnifying device, leveling or electric or electronic devices nor shall it provide for more than one sighting point. The sight point may be a fibre optic sight pin.
- (ii) A bowsight extension is permitted.
- (f) Stabilizers and Torque Flight Compensators. Stabilizers and torque flight compensators on the bow are permitted provided they do not:
 - (i) Serve as a string guide;
 - (ii) Touch anything but the bow;
- (g) Arrows.
 - (i) Arrows of any type may be used provided they subscribe to the accepted principle and meaning of the word arrow as used in archery, and that such arrows do not cause undue damage to target faces or buttresses. The maximum diameter of the arrow shaft shall not exceed 9.3mm.
 - (ii) An arrow consists of a shaft with head (point or pile), nock, fletching and, if desired, cresting. The arrows of each competitor shall be marked on the shaft with the competitor's name or initials and all arrows used for the same end of 3 or 6 arrows shall carry the same pattern and colour(s) of fletching, nocks and cresting, if any.
- (h) Hand Protection.
 - (i) Finger protection in the form of finger stalls or tips, gloves, or shooting tab or tape (plaster) to draw, hold back and release the string is permitted, provided that such protection does not incorporate any device to hold, draw and release the string.
 - (ii) A separator between the fingers to prevent pinching the arrow and/or a platform tab may be used.
 - (iii) On the bow hand an ordinary glove, mitten or similar item may be worn but shall not be attached to the grip.

203. FITA Standard Bow The FITA Standard Bow is a simplified form of the recurve bow and is fully described in FITA Constitution & Rules.

204. Recurve Barebow Recurve Barebow is generally as described for Recurve (Freestyle) in Rule 202 with the following variations:

- (a) Bow
 - (i) The bow must be bare, except for items mentioned below, and free from protrusions, marks, blemishes or laminated pieces which could be of use in aiming. Multi-coloured risers are permitted.
 - (ii) Integrally fitted torque flight compensators are permitted provided that they are not fitted with stabilizers. Weights may be added to the lower part of the riser. All weights, regardless of shape, must mount directly to the riser without rods, extensions, angular mounting connections or shock absorbing devices.
- (b) Bowstring. There shall be no attachment on the string to serve as a lip or nose mark.
- (c) Arrowrest. *The pressure point shall be placed no further than 2cm back (inside) from the throat of the handle (pivot point) of the bow*
- (d) Exclusions. Recurve barebow archers may not use:
 - (i) Sights.
 - (ii) Draw check indicator.
 - (iii) Stabilizers.

205. Recurve Traditional The Recurve Traditional is generally as described for Recurve Barebow in Rule 204 but with the following variations:

- (a) Arrows. Arrow shafts shall be made of wood but with no limit as to maximum diameter. Fletchings shall be of natural feather; metallic piles and plastic nocks may be used.
- (b) Arrowrest. The arrowrest must not be adjustable. A pressure button is not permitted
- (c) Shooting Style. Archers must adhere to one anchor point and one finger position on the

string throughout a tournament.

206. Longbow

- (a) Bow. The bow shall be the traditional longbow made from wood, either "self", "backed", or "laminated" with cambered (stacked) belly and horn nocks. With the exception of the "self" bow, each limb of the bow shall form a single simple curve from the handle to the nock when at full draw. The bow shall be not less than five feet in length for an arrow of less than 27 inches and; not less than five feet six inches in length for a 27" or longer arrow, this being measured along the back between the string nocks. At no point shall the depth of the bow, measured from back to belly, be less than 5/8 (five eighths) of the width of the bow at the same section. The bow may carry no support for the arrow. Bows of bamboo, constructed in conformity with the above, shall be permitted.
- (b) String. Strings may be of either natural or man-made substance, and may, if desired, embody a "kisser" at any point as required to facilitate a consistent draw position, but for no other purpose.
- (c) Sights and Points of Aim. Sights, as such, are not permitted but one of the following may be used:
- (i) Marks on the bow limb.
 - (ii) Rubber bands of no more than 1/8" in depth and thickness.
 - (iii) Artificial points of aim on the ground, provided they do not exceed a height from the ground of 6 inches or a diameter of 3 inches nor impede any other archer.
- (d) Arrows. Arrows shall have wooden steles (shafts), shall be fitted with feather fletchings, and may have either horn-reinforced, self or applied nocks. There is no limit to the maximum shaft diameter. Piles shall not exceed the diameter of the shaft at the point of fitment. Shouldered piles, whilst not disallowed, should be avoided because of excess damage to targets. Arrows shall be properly marked, so that there shall be no difficulty in claiming them.
- (e) Hand Protection
- (i) Finger protection in the form of finger stalls or tips, gloves, or shooting tab or tape (plaster) to draw, hold back and release the string is permitted, provided that such protection does not incorporate any device to hold, draw and release the string.
 - (ii) A separator between the fingers to prevent pinching the arrow and/or a platform tab may be used. An extension so as to provide a greater angle, prior to release, other than that achieved by the use of a normal tab, glove or other form of finger protection, is not permitted.
 - (iii) On the bow hand an ordinary glove, mitten or similar item may be worn but shall not be attached to the grip.

207. Compound (Unlimited) The following equipment is described. All types of additional devices, unless they are electric or electronic, are permitted:

- (a) Bow.
- (i) A bow, (which may be of a shoot through type) where a mechanical advantage is obtained, eg by the use of accessory limbs, levers, pulleys, eccentrics or similar devices. The peak draw weight must not exceed 60 lbs.
 - (ii) The bow is braced for use by bowstring(s) attached directly between the two string nocks of the bow limbs, or attached to the bow cables, as may be applicable to the particular design. Cable guards are permitted.
 - (iii) The bow must be free and held in the hand.
- (b) Bowstring.
- (i) A bowstring of any number of strands that may be of different colours and of the material chosen for the purpose, with a centre serving to accommodate the drawing fingers or release aid.
 - (ii) A nocking point may be fitted to which may be added serving(s) to fit the arrow nock as necessary. To locate this point one or two nock locators may be fitted.
 - (iii) In addition attachments are permitted on the string *such* as a lip or nose mark, a peephole (*which must be secured to the string*), a peephole 'hold in line' device, loop bowstring, etc.

- (c) Arrowrest.
 - (i) An arrowrest, which can be adjustable, any moveable pressure button, pressure point or arrow plate, may all be used on the bow provided that they are not electric or electronic.
 - (ii) The pressure point shall be placed no further than 6cm back (inside) from the throat of the handle (pivot point of the bow).
- (d) Draw Check Indicators Draw check indicators, audible and/or visual, other than electric or electronic, may be used.
- (e) Bowsight A bowsight attached to the bow, which may allow for windage adjustment as well as elevation setting which may also incorporate a leveling device, and/or magnifying lenses and/or prisms. A bowsight extension is permitted. Electric or electronic devices are not permitted. The sight point may be a fibre optic sight pin.
- (f) Stabilizers and Torque Flight Compensators Stabilizers and torque flight compensators, provided that they do not:
 - (i) Serve as a string guide;
 - (ii) Touch anything but the bow;
- (g) Arrows
 - (i) Arrows of any type may be used provided they subscribe to the accepted principle and meaning of the word arrow as used in Archery, and that such arrows do not cause undue damage to target faces or buttresses. The maximum diameter of an arrow shaft shall not exceed 9.3mm.
 - (ii) An arrow consists of a shaft with head (point or pile), nock, fletching and, if desired, cresting. The arrows of each competitor shall be marked on the shaft with the competitor's name or initials and all arrows used for the same end of 3 or 6 arrows shall carry the same pattern and colour(s) of fletching, nocks and cresting, if any.
- (h) Hand Protection.
 - (i) Finger protection in the form of finger stalls or tips, gloves, shooting tab or tape (plaster) to draw, hold back and release the string.
 - (ii) A separator between the fingers to prevent pinching the arrow may be used. An anchor plate or similar device attached to the finger protection (tab) for the purpose of anchoring is permitted.
 - (iii) A release aid that must not be attached in any way to the bow nor incorporate electric or electronic devices may be used.
 - (iv) On the bow hand an ordinary glove, mitten or similar item may be worn but shall not be attached to the grip.

208. Compound Limited The Compound Limited is generally as described for Compound Unlimited in Rule 207 but with the following variations:

- (a) The string must be drawn, held back and released by the fingers of one hand.
- (b) The pressure point shall be placed no further than 4cm back (inside) from the throat of the handle (pivot point) of the bow.
- (c) The bowsight must not incorporate magnifying lenses or prisms (ie a scope). A level and a *peephole* are allowed.
- (d) Multipin sights are allowed, except for archers shooting for FITA Awards.

209 Compound Barebow The Compound Barebow is generally as described for Compound Limited in Rule 208 but with the following further variations:

- (a) The bow must be bare, except for the arrowrest and one stabilizer (see (c) below), and free from protrusions, marks, blemishes or laminated pieces which could be of use in aiming.
- (b) Although multi-coloured strings are permitted, there shall be no additional markings or attachments on the string which could be of use in aiming.
- (c) One stabilizer no longer than 30.5cm (12") overall may be fitted.

210. Crossbow

- (a) A crossbow stock may be made from any safe material and must be fitted with a mechanical trigger. Prods, which may be made of any material except metal, shall not exceed 900mm in length when the crossbow is strung.
- (b) The draw weight at the string latch shall be no more than 95lbs (43 kg). The draw weight and draw length must be clearly marked on the prod. The clean draw length, measured from the string to the string latch shall be no more than 300mm
- (c) The bow must be fitted with a bolt retaining clip.
- (d) A string may be made of any non-metallic material.
- (e) Bolts may be made of any material and of such design as not to cause unreasonable damage to the target. Bolt length is minimum 12 inches, maximum 15 inches. Three fletchings, feather or plastic, shall be fitted.
- (f) Telescopic or magnifying sights are not allowed.
- (g) The following are permitted:
 - (i) Foot stirrups attached to the bow.
 - (ii) Stabilizers.
 - (iii) Palm rest.
 - (iv) A *butt* hook that does not rest directly on top of the shoulder and is no more than 150mm in length.
- (h) The length between the back sight and the front sight shall not exceed 720mm.
- (j) All crossbows must be drawn by hand. The use of cocking aids, gloves or fingerstalls is not permitted.
- (k) Pistol crossbows are not permitted.
- (l) Crossbow and the Law. When travelling on public transport or walking in a public thoroughfare it is essential that the prod be removed and the stock and prod be carried in a case or cover.

211. Conventional Flight Bows

- (a) Any bow, other than a crossbow, which is constructed so that there is no mechanical advantage obtained by the use of accessory limbs, levers, pulleys, eccentrics or similar devices.
- (b) The following may be used:
 - (i) Keyhole bows, forward handles and overdraws.
 - (ii) A six-gold ring and a flipper or strap. A flipper is made from pieces of leather and/or rubber that wrap in opposite directions around the string.
 - (iii) Handheld non-mechanical release aid. No mechanical release aid may be used other than the flipper as defined above
 - (iv) Hand protection as defined in 202(h), or other held non-mechanical release aids.
 - (v) Block, sipur and angle measuring device.

212. Compound Flight Bow. Bows so constructed that a mechanical advantage is obtained by the use of accessory limbs, levers, pulleys, eccentrics or similar devices.

- (a) The weight of the bow shall not exceed 60 lbs measured at the break over point or position of normally drawn bow at which the bow's maximum poundage is achieved.
- (b) Keyhole type bows, forward handles and angle measuring device are permitted.
- (c) Overdraws are permitted but no overdraw shall allow the point of the arrow to be drawn further back than the brace height of the bow.
- (d) Any release aid used must be handheld.

213. Competition Between Bowstyles

- (a) Bows that are recognised in Rules 202, 203, 204, 205 and 206 may not be used in direct competition with bows recognised in Rules 207, 208 and 209. Competition on a handicap basis is not regarded as direct competition.
- (b) Crossbowmen using bows recognised in Rules 210 shall shoot on separate targets from other archers and not compete with them.

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PART 3

TARGET ARCHERY – OUTDOOR

300. Target Faces

- (a) The diameters of the standard faces are 122cm and 80cm.
- (b) (i) The 122cm face is composed of a circle in the centre of 24.4cm diameter ringed by four concentric bands the breadth of each, measured radially, being 12.2cm.
(ii) The 80cm face is composed of a circle in the centre of 16cm diameter ringed by four concentric bands the breadth of each, measured radially, being 8cm.
- (c) The colours of both target faces are, from centre outwards, gold, red, blue, black and white.
- (d) (i) Except between black/white and black/blue dividing lines between colours may be used. Such dividing lines shall not exceed 2mm in width and shall be entirely within the higher scoring zone.
(ii) The line marking the outermost edge of the white shall not exceed 2mm in width and shall be entirely within the scoring zone.
- (e) When the 122cm and 80cm faces are used for 10 zone scoring they are divided as follows:
 - (i) Each colour zone is divided into two zones of equal radial width
 - (ii) The resulting central zone is further divided into two zones of equal radial width.
 - (iii) The dividing lines shall not exceed 2mm in width and shall be entirely within the higher scoring zone.
- (f) The centre of the gold is termed the 'pinhole and shall be marked with a small cross (x) the lines of which shall not exceed 2mm in width.
- (g) Tolerances on the diameter of each scoring zone on both target faces are permitted as follows:
 - (i) Gold zones and Inner Red zone – $\pm 1\text{mm}$
 - (ii) All other zones – $\pm 3\text{mm}$

301. Range Layout

- (a) The targets shall be set up at one end of the ground. They shall be inclined at an angle of about 15 degrees, with the pinholes 130cm (4ft 3in) \pm 5cm above the ground. The height of the pinhole on a line of faces shall at all times look straight.
- (b) Minimum spacing of target centres shall be:
 - (i) Archers shooting singly or in pairs – 2.5m (8ft 2ins)
 - (ii) Archers shooting in threes – 3.66m (12ft)
- (c) Each target boss shall be securely anchored so that it cannot blow off its stand. Likewise stands shall be anchored to prevent them from blowing over.
- (d) All targets shall be clearly numbered. Flags to indicate wind direction may, at the tournament organiser's discretion, be placed above the centre of each target. Such flags shall be between 25cm and 30cm in both height and length, be of a colour easily visible and placed in such a manner that no part of the flag can obscure any part of the target or boss. Alternatively, a wind indicator flag may be placed at each end of the target line.
- (e) The shooting line (over which the archers shall take up their shooting positions) shall be measured from points vertically below the pinholes. Tolerances on such measurements shall be as follows:
 - (i) Metric distances: up to and including 50m – $\pm 15\text{cm}$
above 50m – $\pm 30\text{cm}$
 - (ii) Imperial distances: up to and including 50yds – $\pm 6\text{in}$
above 50yds – $\pm 12\text{in}$
- (f) Shooting marks or flat markers, shall be positioned opposite the targets at the appropriate distances. The shooting marks are to bear the number of the target opposite which they are placed.

- (g) The following additional markings may be laid down:
 - (i) Lines at right angles to the shooting line and extending from the shooting line to the target line making lanes containing one, two or three bosses.
 - (ii) A line 3m in front of the shooting line.
- (h) A waiting line shall be placed at least five yards behind the shooting line.
- (j) All tents and other shelters (except those for the judge's use) and all spectators shall be at least 10 yards behind the shooting line, maintaining adequate room for the free passage of competitors and officials. Spectators shall not advance in front of this tent line without agreement of the Judge.
- (k) Trade and refreshment areas shall be at least 25 yards behind the shooting line.

302. Range Safety

- (a) Overshoot Areas.
 - (i) The shooting line is to be fixed, unless the archery range has a minimum range of 200 yards for bows shot off the fingers and 250 yards for all bows shot with release aids.
 - (ii) Bows shot off the fingers.
 - a. At all target distances up to 60 yards/metres the minimum range length including overshoot from the shooting line must be 110 yards.
 - b. At all target distances over 60 yards/metres the minimum overshoot must be 50 yards.
 - (iii) Bows shot with Mechanical Release Aids. The range length from the shooting line including the overshoot at all distances must be a minimum of 150 yards.
 - (iv) Archery Darts, Archery Golf, Horizontal Popinjay shot without blunts paragraphs (i) to (iii) above apply.
 - (v) Horizontal Popinjay shot with blunts must have a net or a solid backstop behind.
 - (vi) Any club by reason of a bank or wall who may consider that the overshoot area could be reduced should submit details with accurate dimensions to the GNAS office for consideration for the granting of a dispensation by the insurers.
 - (vii) **ALL GROUNDS** are deemed accessible by the public even if that involves trespass.
- (b) Roping of Areas
 - (i) On grounds where the public have a right of access, the whole of the specified safety overshoot area shall be roped off to indicate that no-one can pass behind the targets.
 - (ii) The area to be roped shall **EITHER** extend from the ends of the overshoot safety line so that no-one can pass within 20 yards from the end of the target line, 10 yards of the shooting line and 15 yards behind the shooting line, OR shall be at each side of the shooting range from 15 yards behind the shooting line to the overshoot safety line and shall be 25 yards from each side of the target line parallel to the line of shooting.

303. Bowstyles The description of bowstyles is given in Part 2. Bowstyles recognised for Target Archery and additional detail are as follows:

- (a) Recurve (Freestyle) – Equipment as defined in Rule 202.
- (b) FITA Standard Bow (for FITA Standard Round only) – Equipment as defined in Rule 203
- (c) Recurve Barebow – Equipment as defined in Rule 204
- (d) Longbow – Equipment as defined in Rule 206
- (e) Compound Unlimited – Equipment as defined Rule 207
- (f) Compound Limited – Equipment as defined in Rule 208
- (g) Crossbow – Equipment as defined in Rule 210.
- (h) Exclusions. Archers are not permitted electronic communications devices and headsets in front of the waiting line.

304. Shooting

- (a) Shooting, except in the case of permanently or semi-permanently disabled archers, shall be from an unsupported standing position, placing one foot on each side of the shooting line or with both feet on the shooting line.
- (b)
 - (i) The order in which archers shall shoot at their respective targets shall be the order in which they appear on the target list and the drawing up of the target list shall be a matter for arrangement by the Tournament Organisers. Unless otherwise directed, No.3 on each target shall be the Target Captain, and No.4 the Lieutenant. The Captain shall be responsible for the orderly conduct of shooting in accordance with the GNAS Rules of Shooting.
 - (ii) The order of shooting at all Record Status Tournaments shall rotate. For other Tournaments, including Club Target Days, rotation shall be optional.
- (c) At a tournament if, for any reason an archer is alone on a target he must notify the Judge who shall arrange for scoring integrity to be maintained. This may be achieved by transferring archers between targets or by arranging for an archer on an adjacent target to participate in scoring the lone archer's arrows.
- (d) The maximum number of archers on a target shall be six.
- (e) Composition of Ends
 - (i) For all Imperial rounds, the Long Metric rounds and the two longest distances of the Metric and Half Metric rounds, six arrows shall be shot at an end.
 - (ii) For the Short Metric rounds and the two shortest distances of the Metric and Half Metric rounds, three arrows shall be shot at an end.
- (f) Timing of Ends. Archers will shoot ends of three or six arrows, as required by the round being shot, under *one of the following methods* controlled by the Judge:
 - (i) Method 1.
 - a. One sound signal shall indicate when the first shooting detail shall take their place on the line and begin shooting. Each archer shall shoot three arrows and immediately retire, being replaced by the archer from the subsequent detail. When all on a target have shot, the archer, if required, shall shoot three more arrows. If an archer persists in shooting more than three arrows consecutively, he may be disqualified by the Judge.
 - b. When all archers have shot, two sound signals shall indicate that archers are to move forward to score and collect arrows. No archer shall advance from the shooting line before receiving the signal.
 - c. Two and a half minutes shall be the maximum time for an archer to shoot three arrows, the time to start from when the archer steps on to the shooting line.
 - d. Any archer who is observed to be exceeding the time limit of 2½ minutes for three arrows shall be advised of the time error after retiring from the shooting line. The scoresheet for that archer shall be marked at that end to record the warning in the following manner — “Time warning”. The archer will also be advised that any further violation of the 2½ minute time limit will result in the top scoring arrow of that end being disallowed. Should this continue to the detriment of the shoot or the other archers on that target, the offending archer will be asked to retire from the tournament.
 - (ii) Method 2. *Shooting shall be in timed ends controlled in the following manner:*
 - a. *Two audible signals for archers in the first detail to take their positions on the shooting line.*
 - b. *After 20 seconds one audible signal for shooting to commence.*
 - c. *After 4 minutes (if 6 arrows are to be shot) or 2 minutes (if 3 arrows are to be shot), or earlier if shooting line is clear, 2 audible signals indicate that the archers remaining on the shooting line shall retire and the next detail take their place.*
 - d. *After 20 seconds one audible signal for the second detail to commence shooting.*
 - e. *And so continue until all details have shot when 3 audible signals shall*

indicate that archers are to move forward to score and collect arrows.

- f. An arrow shot before or after the allotted time will be considered as part of that end and will cause the archer to lose to highest scoring arrow of that end which will be scored as a miss.*
 - g. The time allowed for an archer to shoot each make-up arrow shall be 40 seconds*
- (g) Archers shall retire from the shooting line as soon as their last arrow has been shot except that an archer may remain on the shooting line to keep company with another archer still shooting.
 - (h) While shooting is in progress, only those competitors whose turn it is to shoot may be on the shooting line. All other competitors with their equipment, shall remain behind the waiting line. A Judge shall use discretion in allowing disabled archers and/or their equipment to remain on the line if circumstances permit.
 - (j) At any Meeting no practice is allowed on the ground the same day, except that six arrows may be shot as sighters before the beginning of each day's shooting, but only after competitors have come under the Judge's orders at the Assembly. Such sighters shall not be recorded.
 - (k) An archer may only compete once, the first time of shooting, in any event regardless of the class of equipment used, the number of sessions in the event and whether the event extends over more than one day.
 - (l) Whilst an archer is on the shooting line, he shall receive no information by word or otherwise from anyone except the Judge.
 - (m) If for any cause, other than failure of his equipment, an archer is not prepared to shoot before all have shot, such archer shall lose the benefit of that end.
 - (n) In the event of an equipment failure the archer shall signal a Judge. Extra time up to a maximum of 15 minutes may be allowed for the correction of the failure. The archer shall shoot any remaining arrows from the end at the earliest opportunity under the supervision of the Judge.
 - (o) Should an item of equipment other than the arrow be projected beyond the shooting line, the Judge may call 'Fast' at the conclusion of that end to permit retrieval of the item, the failure to be rectified and the archer allowed to shoot any remaining arrows before the field advances to score.
 - (p) In the event of an archer shooting more than the specified number of arrows at an end the archer shall be penalised by losing the value of his best arrow(s) in the target, and such arrow(s) shall not be measured for a Gold prize.
 - (q) Provided that it has not rebounded, an arrow shall be deemed not to have been shot if part of the arrowshaft lies within 3 metres of the shooting line. In this case another arrow may be shot in its place. If another arrow is not available the archer may retrieve the arrow only with the Judge's permission.
 - (r) Archers arriving late shall not be allowed to make up any ends that they have missed.
 - (s)
 - (i) An archer may retire from competition at any time by telling the Target Captain who will mark the archer's scoresheet 'retired' and the archer will sign it.
 - (ii) If a Target Captain perceives that a target companion has deliberately not shot an end he must draw this to the judge's attention. Unless the archer has obtained the judge's permission to miss the end the judge will instruct the Target Captain to mark the scoresheet 'retired' and the judge will sign it.
 - (iii) Any score marked 'retired' will not be eligible for a placing in the results but will be shown separately at the end of the results with the score at retirement and the number of dozens shot. The archer will be eligible for awards achieved to that point e.g. best gold, distance award or six gold badge but not for inclusion in a team score or any other GNAS award. An archer whose scoresheet is marked 'retired' may recommence shooting only with the judge's permission and if it is convenient but his score will no longer be recorded.

305. Control of Shooting

- (a) (i) At all times, whenever shooting takes place, it must be under the control of a Field Captain.
 - (ii) At larger meetings, the Field Captain shall be a Judge recognised by the GNAS judging organisation. The grade of judge required for each level of tournament is given at Appendix B.
 - (iii) A Judge may appoint experienced archers as Field Captains to assist in the running of a shoot. A Judge may delegate his authority to such appointed Field Captains.
 - (iv) At tournaments the Judge and Field Captains shall be non-shooting.
 - (v) For the purposes of these Rules, the term Judge shall embrace both Judge and Field Captain unless the context indicates otherwise.
- (b) The Judge shall be in sole control of the shooting, shall resolve all disputes in accordance with the Rules of Shooting and make any necessary interpretation and any decision on occurrences not covered by them.
 - (c) The Judge shall give the signal for assembly 15 minutes before the time appointed for shooting.
 - (d) The Judge shall be responsible for measuring arrows for the purpose of Gold prizes.

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- (e) The Judge shall be empowered to disqualify any archer if he observes any breach of the Shooting Rules or has any such breach reported to him by a Field Captain or Target Captain.
- (f) The Judge may order the replacement of a faulty target, or may move the archers to a usable one.
- (g) The Judge, in consultation with the Secretary or Organiser, shall be responsible for
 - (i) Deciding the duration of intervals for meals, refreshments and the like.
 - (ii) Suspending shooting due to weather conditions, accidents or like occurrences.
 - (iii) Making any other arrangements as needed in each case.
- (h) Competitors' equipment may be checked by the judges before and at any time during the shoot.
- (j) The Judge shall exercise control over the use of loudspeakers and photographers and the presence of other spectators so that the comfort and concentration of competitors is not disturbed.
- (k) (i) If an archer, while drawing his bow with an arrow before the shooting starts or during breaks between distances, looses an arrow, intentionally or otherwise, the Judge shall make a note on the archer's scoresheet indicating what has occurred. Such an arrow shall form part of the next scoring end. After the remaining arrows of the next scoring end have been shot, the value of the highest scoring arrow will be forfeit. The Judge shall take part in that competitor's scoring and annotate the archer's scoresheet accordingly.
- (ii) Similarly, if an archer shoots a sighter arrow before or after the signals indicating the time allowed to shoot, such an arrow shall count as part of the next end of scoring arrows to be shot and the procedure detailed above should be followed.

306. Scoring

- (a) (i) For all bowstyles the scoring points for hits on the target face for GNAS Imperial Rounds are: Gold 9, Red 7, Blue 5, Black 3, White 1.
- (ii) For all bowstyles, the scoring points for hits on the target face for GNAS Metric Rounds are:

Zone	Points		Zone	Points
Inner 10	Record as X, score value 10		Inner Blue	6
Inner Gold	10		Outer Blue	5
Outer Gold	9		Inner Black	4
Inner Red	8		Outer Black	3
Outer Red	7		Inner White	2
			Outer White	1

- (iii) The value shall be determined by the position of the arrow shaft.
- (iv) A miss is to be recorded as a letter M.
- (b) Archers shall identify their arrows by pointing at the nocks. Neither the arrow nor the target face shall be touched until the final decision as to the score has been given and any such interference with the target or arrow shall disqualify the archer from scoring the higher value.
- (c) (i) It is mandatory to adopt a system of scoring which prevents any archer being the sole recorder of his own score. Approved systems of scoring to achieve this are included in Appendix A.
- (ii) All scores must be recorded in a permanent blue or black medium i.e. not pencil or erasable ballpoint.
- (d) The scorer shall enter totals as required on the scoresheet. The archer and the scorer shall then check the score sheet and sign it as correct. It is each archer's individual responsibility to ensure that all aspects of his scoresheet are correct when they sign. A tournament organiser is not required to check the additions on a score sheet but, if an error is discovered, has discretion to alter totals accordingly.

- (e) If an arrow touches two colours or any dividing line it shall be scored as being of that of the higher value.
- (f) If any doubt or dispute as to arrow value shall arise it shall be decided by the Target Captain subject to appeal to the Judge, whose decision shall be final.
- (g) Any alteration to the recorded arrow value must be initialled by the Judge in a different coloured ink prior to the withdrawal of the arrow from the target. No arrows shall be withdrawn from the target (without the express direction of the Target Captain) until all the archers' scores have been entered on the score sheet and the Target Captain is satisfied that they are correctly entered.
- (h) (i) If an arrow is observed to rebound from a target, the archer concerned shall draw the attention of the Judge to the fact after having shot his sixth arrow (or third if shooting in ends of 3 only) by retiring two paces from the shooting line and holding his bow above his head.
 - (ii) Upon the Judge satisfying himself that the claim is justified, the archer shall be permitted to shoot another arrow separately in the same end after all archers on that target have completed their normal shooting, such arrow to be numbered or preferably marked by the Judge.
 - (iii) The Judge shall take part in that competitor's scoring to ensure that only the correct number of arrows are scored, and that the rebound was not caused by striking another arrow already in the target.
 - (iv) To prevent frivolous rebound claims, the archer is to be warned individually that if the full number of original arrows (6 or 3 as appropriate to the round) were shot not including a rebound, then his highest scoring arrow may, at the discretion of the Judge on repetition of a false claim, be deducted from that end's score.
- (j) An arrow passing through a boss cannot be scored.
- (k) An arrow passing through the target face but remaining in the boss shall be withdrawn by the Target Captain or Lieutenant and shall be inserted from the back in the same place and at the assumed angle of original penetration until the pile is visible in the target face, when the score shall be determined.
- (l) An arrow hitting and remaining embedded in another arrow shall be scored the same as the arrow struck.
- (m) An arrow in the target, which has or may have been deflected by another arrow already in the target, shall be scored according to the position of its shaft in the target face.
- (n) An arrow on the ground believed to have hit and rebounded from another arrow shall be scored the value of the struck arrow, if the latter is found in the target with its nock damaged in a compatible manner.
- (o) If an arrow fails to enter the boss and is hanging in the target face, it shall be pushed in by the Judge or shall be removed and the Judge will ensure that the appropriate score is recorded when scoring takes place.
- (p) An arrow hitting a target face other than the archer's own designated face shall be considered as part of that end and shall be scored as a miss.
- (q) An archer may delegate another archer on the same target to record his score and pick up his arrows.
- (r) An incapacitated archer may nominate an assistant, who shall be under the control and discipline of the Judge, to record his score and pick up his arrows.
- (s) Resolution of Ties. Ties shall be resolved as follows:
 - (i) GNAS Imperial Rounds.

Award Based On	1 st Tie Break	2 nd Tie Break
Score	Hits	Gold
Hits	Score	Gold
Gold	Score	Hits

(ii) GNAS Metric Rounds

Award Based On	1 st Tie Break	2 nd Tie Break	3 rd Tie Break
Score	Hits	Tens (Inc X's)	X's
Hits	Score	Tens (Inc X's)	X's
Tens	X's	Score	Hits

(iii) If all elements are the same, the archers shall be declared equal.

- (t) When a shoot is abandoned due to adverse weather conditions, the placings and prizes shall be awarded on the cumulative score at the conclusion of the last full end shot by the competitors, by instruction of the Judge.

307. Dress Regulations

- (a) Members of the Society shooting and officiating at tournaments granted National or World Record Status by GNAS are required to wear the accepted dress of the society as detailed below.
- (b) Ladies are required to wear a dress, skirt, trousers or shorts with a suitable top which is not strapless, nor beachwear.
- (c) Gentlemen are required to wear trousers or shorts with long or short sleeved shirts.
- (d) Footwear must be worn at all times during the tournament.
- (e) Colours
- (i) *The recognised dress of the Society is plain dark green or white. There is no objection to wearing green and white garments together. Minor piping on the garments is permitted.*
- (ii) *A club, county, region, affiliated association or sponsoring archery retailer may register alternative shooting colours. For members of such a body or archers supported by such a sponsoring archery retailer to shoot at a record status tournament in their shooting colours, these colours must be registered with the Society at least one month before the end of the previous affiliation year. The process for registration of shooting colours is included in the Shooting Administrative Procedures.*
- (iii) *Registered upper body garments shall consist of no more than four colours. A single colour may be registered for lower body garments to produce a uniform. If lower body garment colours are not registered then lower body garments in the Society's recognised dress colours must be worn. Blue denim, olive drab and camouflage patterns are not acceptable as shooting colours.*
- (iv) *The name and/or emblem of an archer's club, county, region, national association/society, affiliated association or sponsoring archery retailer may be worn on upper body garments*
- (v) Members of the Society who are officiating at a National or World Record Status tournament shall not wear club, county or regional shooting colours if they are acting in the capacity of Chairman of Judges, Judge or Director of Shooting.
- (vi) At National tournaments where there is a Home Nations' team competition incorporated into the event, nominated members of the teams will be permitted to wear the dress of their Home Nation (i.e. England, Northern Ireland, Scotland or Wales), as approved by their organisation, throughout that tournament.
- (vii) Archers who are members of other national associations or societies that are affiliated to FITA may wear the shooting uniform of their home country.
- (viii) A member of the Society who has represented Great Britain as an archer at an international tournament may wear their international shooting uniform, as an alternative to the accepted dress detailed above, for the remainder of that season and the following one.

- (ix) An archer who affiliates directly to GNAS may nominate one club whose shooting colours they may wear. In this case they will be required to show evidence from the club (preferably a letter from the Club Secretary) confirming that they are a member of that club and the club has granted them permission to compete in those shooting colours.
- (f) If the judge in charge of the tournament declares the weather inclement, waterproof clothing worn only during this time is not subject to these regulations, either for those members of the Society competing or officiating. However, waterproofs in the recognised dress of the Society or the registered shooting colours are recommended.
- (g) Advertising material must not be carried or worn except in conformity with FITA rules.
- (h) Any archer not conforming to the above regulations shall be required, by the Judge and Tournament Organiser, to leave the shooting line and will not be permitted to take part in the competition.

308. Recognised Rounds for Record, Handicap and Classification Purposes.

- (a) The rounds recognised by the Society are shown in the following Tables, each of which gives the face sizes and the number of dozens at each distance.

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See 308(b)(i)&(ii)	See 308(b)(iii)	Table 3 - 1 GNAS Imperial Outdoor Rounds 5 Zone Scoring – 122cm Face									
		Round	100y	80y	60y	50y	40y	30y	20y	15y	10y
A	*	York	6	4	2						
A	*	Hereford		6	4	2					
C	*	Bristol I		6	4	2					
D	*	Bristol II			6	4	2				
E	*	Bristol III				6	4	2			
F	*	Bristol IV					6	4	2		
-		Bristol V							6	4	2
A		St. George	3	3	3						
A		Albion		3	3	3					
A		Windsor			3	3	3				
D		Short Windsor				3	3	3			
E		Junior Windsor					3	3	3		
A		New Western	4	4							
A		Long Western		4	4						
A		Western			4	4					
D		Short Western				4	4				
E		Junior Western					4	4			
F		Short Junior Western						4	4		
A	*	American			2½	2½	2½				
E		St. Nicholas					4	3			
A		New National	4	2							
A		Long National		4	2						
A		National			4	2					
D		Short National				4	2				
E		Junior National					4	2			
F		Short Junior National						4	2		
A		New Warwick	2	2							
A		Long Warwick		2	2						
A		Warwick			2	2					
D		Short Warwick				2	2				
E		Junior Warwick					2	2			
F		Short Junior Warwick						2	2		

		Table 3-2 GNAS Metric Outdoor Rounds – 10 Zone Scoring												
See 308(b)(i)&(ii)	See 308(b)(iii)	122cm Face							80cm Face					
		Round	90m	70m	60m	50m	40m	30m	20m	50m	40m	30m	20m	15m
C	*	Metric I		3	3					3		3		
D	*	Metric II			3	3					3	3		
E	*	Metric III				3	3					3	3	
F	*	Metric IV					3	3					3	3
-		Metric V							3	3				3
A		Long Metric (Gentlemen)	3	3										
B		Long Metric (Ladies)		3	3									
C		Long Metric I		3	3									
D		Long Metric II			3	3								
E		Long Metric III				3	3							
F		Long Metric IV					3	3						
-		Long Metric V						3	3					
A		Short Metric								3		3		
C		Short Metric I								3		3		
D		Short Metric II									3	3		
E		Short Metric III										3	3	
F		Short Metric IV											3	3
-		Short Metric V												3
-		Half Metric I		1½	1½					1½		1½		
-		Half Metric II			1½	1½					1½	1½		
-		Half Metric III				1½	1½					1½	1½	
-		Half Metric IV					1½	1½					1½	1½
-		Half Metric V						1½	1½					1½

		Table 3-3 FITA Recognised Outdoor Rounds – 10 Zone Scoring													
See 308(b)(i)&(ii)	See 308(b)(iii)		122cm Face							80cm Face					
		Round	90m	70m	60m	50m	40m	30m	20m	50m	40m	30m	20m	15m	10m
A	*	FITA (Gentlemen)	3	3							3		3		
B	*	FITA (Ladies)		3	3						3		3		
C		FITA (Cadet Ladies)			3	3						3	3		
-		Half FITA (Gentlemen)	1½	1½							1½		1½		
-		Half FITA (Ladies)		1½	1½						1½		1½		
-		Half FITA (Cadet Ladies)			1½	1½						1½	1½		
A		FITA 900			2½	2½	2½								
A		FITA 70 metre		6											
		FITA 60 metre			6										
A	*	FITA Standard Round				3		3							
A		Olympic Round		1											

(b) Rounds for National Record Purposes:

- (i) The following Table 3-4 allows archers to establish which of the rounds in Tables 3-1, 3-2 and 3-3 may be shot for National Record purposes.

	Group Letters as shown in Tables 3-1, 3-2 and 3-3					
	A	B	C	D	E	F
Gentlemen	●					
Ladies	●	●				
Junior Gentlemen Under 18	●	●	●			
Junior Gentlemen Under 16	●	●	●	●		
Junior Gentlemen Under 14	●	●	●	●	●	
Junior Gentlemen Under 12	●	●	●	●	●	●
Junior Ladies Under 18	●	●	●	●		
Junior Ladies Under 16	●	●	●	●	●	
Junior Ladies Under 13	●	●	●	●	●	●

- (ii) Single round records may be claimed for all rounds designated by a letter in column 1 of Tables 3-1, 3-2 and 3-3 subject to restrictions given in Table 3-4
- (iii) Double round records may be claimed for rounds marked * in column 2 of Tables 3-1, 3-2 and 3-3 subject to restrictions given in Table 3-4
- (iv) National Records may be claimed subject to the conditions shown in Rules 308(b)(i), (ii) & (iii) as follows:
- GNAS Imperial Rounds Shown in Table 3-1. Shooting must be in accordance with the GNAS shooting regimes specified in these Rules of Shooting. Where two or more rounds are shot on one day in succession at the same venue, only the first round will be accepted for a single round record, irrespective of bowstyle. Claims will not be accepted for a shorter round shot by an archer within a longer round on the same day.
 - GNAS Metric Rounds shown in Table 3-2. Shooting may be in accordance with either the GNAS shooting regimes specified in these Rules of Shooting or the FITA shooting regimes allowed under Rule 310. Where two or more rounds are shot on one day in succession at the same venue, only the first round will be accepted for a single round record, irrespective of bowstyle. Claims will not be accepted for a shorter round shot by an archer within a longer round on the same day.
 - FITA Recognised Rounds shown in Table 3-3. Shooting may be in accordance with either the GNAS shooting regimes specified in these Rules of Shooting or the FITA shooting regimes allowed under Rule 310. The round need not be the first round of the day.
- (v) Distance records may be claimed when shot during the following complete rounds subject to conditions given in Rule 308(b)(iv): FITA (Gentlemen), FITA (Ladies), Metrics I, II, III & IV.
Note: See Shooting Administrative Procedure 5 for procedures governing record claims.
- (c) Rounds for Handicap and Classification Purposes
- The Bristol V, Metric V, Half Metric V and Long Metric V and Short Metric V rounds may only be shot by archers under 9 years of age and then only for handicaps
 - Olympic rounds are not recognised for classification or handicap purposes.
 - All other rounds in Tables 3-1, 3-2 and 3-3 may be shot by any archer irrespective of age.
Note 1: See Shooting Administrative Procedure 7 for details of the Classification Scheme.
Note 2: Rules for operating the handicap scheme are published separately as Target Archery Handicap Scheme.

309. Shooting Arrangement

- (a) The longer or longest distance of each round is shot first and the shorter or shortest distance last.
- (b) All rounds must be shot in one day.

310. FITA Recognised Rounds When the FITA recognised rounds listed in Table 3-3 are shot, the minimum application of FITA Rules shall be as given below. At the Organiser's discretion, additional FITA rules may apply, in which case details must be shown on the prospectus (entry form) for the tournament.

- (a) Club Target Days and Non-Record Status Tournaments. Shooting may be entirely under GNAS rules.
- (b) National Record Status Tournaments. FITA recognised rounds shot to National Record Status are seen as an intermediary stage between non-Record Status and World Record Status.
 - (i) The following elements of FITA rules should be applied:
 - a. Marking of 3 metre line
 - b. Number of arrows for each shooting end
 - c. Timing and audible control of shooting ends
 - d. Marking of arrow holes, FITA bouncer and passthrough rules.
 - (ii) The GNAS procedures for sighters may be used.
- (c) World Record/FITA Award Status Tournaments. World Record/FITA Award Status tournaments are to be shot to the FITA standards for non-championship/non-international events.

311. GNAS Metric Rounds. When GNAS Metric rounds listed in Table 3-2 are shot, the standards to be applied are:

- (a) When shot in conjunction with an equivalent FITA recognised round, GNAS Metric Rounds are to be shot to the same standards as the FITA recognised round.
- (b) When shot separately, GNAS Metric Rounds may be shot to GNAS rules in their entirety or to the standards outlined for FITA recognised rounds in Rule 310.

312. Local Rounds

- (a) In addition to rounds specified in Tables 3-1, 3-2 and 3-3, any local round made up of other numbers of arrows at specified distances at specified faces may be used in Clubs and Tournaments.
- (b) All local rounds must be shot in all respects to the Rules of Shooting. They are not recognised for GNAS Record, Classification or Handicap purposes.

313. Club Target Days

- (a) A Club Target Day is any day and time appointed under the Rules of the Club and previously announced to the Members.
- (b) There is no statutory limit to the number of officially appointed Target Days in any one week.
- (c) All scores made must be entered in the Club Record Book.
- (d) Target Days should commence punctually at the announced time.
- (e) All shooting shall be in accordance with GNAS Rules of Shooting.

314. Open Meeting An Open Meeting is an event run as a competition open to all Members of GNAS and FITA Affiliated Members, with all the necessary organisation, advertising of the event, judging etc, run under GNAS Rules of Shooting.

315. Closed Meeting A Closed Meeting is an event run as a competition with entry limited by qualification or invitation and run under GNAS Rules of Shooting.

316. Ceremonial and Other Matters

- (a) Prizes and Awards. The allocation of any separate prize, medal, trophy or other award shall be a matter for each individual Tournament Organiser. Classification, handicap or other distinction shall remain the sole prerogative of the Grand National Archery Society.
- (b) The Lady Paramount. The Lady Paramount shall be the supreme arbitrator on all ceremonial matters connected with the tournament at which she officiates.

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PART 4

TARGET ARCHERY – INDOOR

400. General The GNAS Rules of Shooting for Target Archery – Outdoor shall apply except as enumerated in the following paragraphs.

401. Target Faces

- (a) The diameters of the full-size faces are 80cm, 60cm and 40cm.
- (b)
 - (i) The 80cm face is described in Rule 300.
 - (ii) The 60cm and 40cm full-size faces are generally as described for 10-zone faces in Rule 300. Critical dimensions are:

Zone	Zone Diameter (cm)		Tolerance (mm)
	60cm face	40cm face	
Inner 10	3	2	±1
Inner Gold	6	4	±1
Outer Gold	12	8	±1
Inner Red	18	12	±1
Outer Red	24	16	±3
Inner Blue	30	20	±3
Outer Blue	36	24	±3
Inner Black	42	28	±3
Outer Black	48	32	±3
Inner White	54	36	±3
Outer White	60	40	±3

- (c) Multiple Face Targets.
 - (i) The following metric multiple face targets are recognised:
 - a. 60cm Triple Triangular
 - b. 60cm Triple Vertical
 - c. 40cm Triple Triangular
 - d. 40cm Triple Vertical
 - (ii) Multiple face targets have the same dimensions as the 60cm and 40cm full size faces but with the Outer Blue, Inner Black, Outer Black, Inner White and Outer White zones removed.
 - (ii) Multiple face targets consist of 3 small faces arranged either symmetrically in a triangular pattern with the centres at bottom left, at the apex and at bottom right or in a vertical row. The pinholes shall be approximately 32cm distant from each other on 60cm faces and 22 cm distant from each other on 40cm faces.

402. Range Layout

- (a) The targets may be set up at any angle between vertical and 15° but a line of targets shall be set up at the same angle.
- (b) The height of the pinholes above the floor shall be as follows:
 - (i) When faces are in one row the height shall be 130cm as measured to the pinhole of a single face, the pinhole of the middle centre of a vertical triple face or to the pinholes of the bottom two centres of a triple triangular face.
 - (ii) When 40cm full size faces are in two rows one above the other, the pinhole heights shall be 100cm and 160cm.
 - (iii) When 40cm triple triangular faces are in two rows one above the other, the heights shall be:
 - a. To the pinholes of the bottom centres of the lower faces – 100cm
 - b. To the pinholes of the top centre of the upper faces – 160cm
 - (iv) The tolerance on the face height is ±2cm

- (v) The height of the pinholes on a line of faces shall at all times look straight.
- (c) Target centres shall be placed so as to allow archers to stand at a minimum of 80cm (2ft 8in) intervals while shooting.
- (d) The shooting line (over which archers shall take up their shooting positions) shall be measured from points vertically below the pinholes. If targets are in two rows, one above the other and at an angle, the measurement shall be taken from points vertically below halfway between the pinholes. The tolerance on measurements shall be as follows: Metric ± 10 cm, Imperial ± 4 in.
- (e) A waiting line shall be placed five yards behind the shooting line. If space is limited, the distance may be reduced to 3 yards; in exceptional circumstances the waiting line may be omitted.

403. Shooting

- (a) An end shall consist of three arrows.
- (b) Two ends of sighter arrows shall be shot.
- (c) When multiple face targets are used, an archer shall shoot one arrow at each face of the allocated target.
- (d) *Shooting shall normally be in accordance with Rule 304(f)(i). Alternatively, and always at Record Status tournaments, shooting shall be in accordance with Rule 304(f)(ii).*

404. Scoring

- (a) The scoring points for hits on the target face are:

Zone	Compound Bows	Non-compound bows
Inner 10	10	10
Inner Gold	9	10
Outer Gold	9	9
Inner Red	8	8
Outer Red	7	7
Inner Blue	6	6
Outer Blue	5	5
Inner Black	4	4
Outer Black	3	3
Inner White	2	2
Outer White	1	1

- (b) If two or more of an archer's arrows are found in one face of a multiple face target, only the lowest arrow value in that face will score. The remaining arrow(s) will be scored as miss(es).
- (c)
 - (i) If an arrow is observed to pass through a target, the archer concerned shall draw the attention of the Judge to the fact after having shot his final arrow of the end by retiring two paces from the shooting line and holding his bow above his head.
 - (ii) Upon the Judge satisfying himself that the claim is justified, the archer shall be permitted to shoot another arrow separately in the same end after all archers on

that target have completed their normal shooting, such arrow to be numbered or preferably marked by the Judge.

- (iii) The Judge shall take part in the scoring for that end to the extent that the target shall be examined to ensure that the original arrow has in fact passed through. Should the original arrow be found in the target, it shall be scored and the extra arrow discounted.

405. Recognised Rounds For Record, Handicap and Classification

- (a) The following Table 4-1 show the indoor rounds that are recognised by the Society, the number of dozens of arrows, the distances and the face sizes.

See 405(b)(ii)		Table 4-1 INDOOR ROUNDS									
		Distance	18 m	25 m	30 m	20 y	20y	25y	20 y	18 m	
		Face Size	40 cm	60 cm	80 cm	60 cm	40 cm	60 cm	16 in special	40 cm special	Additional Rules:
* *	<u>GNAS Rounds</u>										
	Bray I					2½					Full size face only
	Bray II						2½				Full size face only
	Stafford			6							Full size face only
	Portsmouth				5						Full size or 6 zone face
	Worcester							5			Special face & rules. See Rule 408
	Vegas								5		Special face & rules. See Rule 409
	<u>FITA Recognised Rounds</u>										
	FITA 18	5									Full size or triple faces
	FITA 25		5								Full size or triple faces
Combined FITA	5	5								Full size or triple faces	
Match Round	1									Triple faces only	

- (b) Rounds for National Record Purposes.
- (i) Single round records may be claimed for rounds stated in Table 4-1
 - (ii) Double round records may be claimed for rounds marked * in Table 4-1
 - (iii) National Records may be claimed for the Rounds shown in Table 4-1, subject to the conditions shown in Rules 405(b)(i) & (ii), as follows:
 - a. GNAS Rounds. Shooting must be in accordance with the GNAS shooting regimes specified in these Rules of Shooting. Where two or more rounds are shot on one day in the same venue, only the first round will be accepted for a single round record, irrespective of bowstyle.
 - b. FITA Recognised Rounds. Shooting may be in accordance with either the GNAS shooting regimes specified in these Rules of Shooting or the FITA shooting regimes allowed under Rule 407. The round need not be the first round of the day.

Note: See Shooting Administrative Procedure 5 for regulations governing record claims.

- (c) Rounds for Handicap and Classification Purposes. *FITA Indoor Match round is not recognised for classification or handicap purposes. All other rounds in Tables 4-1 may be shot.*

Note 1: See Shooting Administrative Procedure 7 for details of the Classification Scheme.

Note 2: Rules for operating the handicap scheme are published separately as Target Archery Handicap Scheme.

406. Local Rounds

- (a) In addition to rounds specified in Tables 4-1 any local round made up of other numbers of arrows at specified distances and faces may be used in Clubs and Tournaments.
- (b) All local rounds must be shot in all respects to the Rules of Shooting. They are not recognised for GNAS Record, Classification or Handicap purposes.

407. Regulations for FITA Recognised Rounds When the FITA recognised rounds listed in Table 4-1 are shot, the minimum application of FITA Rules shall be as given below. At the Organiser's discretion, additional FITA rules may apply, in which case details must be shown on the prospectus (entry form) for the tournament.

- (a) Club Target Days and Non-Record Status Tournaments. Shooting may be entirely under GNAS rules.
- (b) National Record Status Tournaments. FITA recognised rounds shot to National Record Status are seen as an intermediary stage between non-Record Status and World Record Status.
 - (i) The following elements of FITA rules should be applied:
 - a. Marking of 3 metre line
 - b. Number of arrows for each shooting end
 - c. Timing and audible control of shooting ends
 - d. Marking of arrow holes, FITA bouncer and passthrough rules.
 - (ii) Practice. There shall be at least two timed ends of practice arrows.
- (c) World Record/FITA Award Status Tournaments.
 - (i) Practice. There shall be at least two timed ends of practice arrows.
 - (ii) In other respects, World Record Status tournaments are to be shot to the FITA standards for non-championship/non-international events.

408. Regulations for the Worcester Round

- (a) The Rules of Target Archery – Indoor shall apply except as enumerated in the following paragraphs.
- (b) Target Faces. The target face used shall be circular 40.64cm (16in) in diameter composed as follows:
 - (i) A circle in the centre 8.13cm (3.2in) diameter ringed by four concentric bands, the

breadth of each measured radially being 4.064cm (1.6in).

- (ii) The centre circle shall be coloured white and the four concentric bands black. The concentric bands shall be divided by white lines. Each of the white dividing lines shall be of no greater width than 1mm (0.04in). Such dividing lines shall be entirely within the higher scoring zone.

- (iii) The tolerance on the diameter of each scoring zone shall be ± 2 mm.

(c) Shooting

- (i) Rule 304(b)(ii) (rotation) will not apply to this round.

- (ii) Five arrows shall be shot at an end. Each archer will shoot his five arrows before retiring from the shooting line.

- (iii) One end of sighter arrows shall be shot.

- (iv) In the event of an archer shooting more than five arrows at an end the archer shall be penalised by losing the value of his highest scoring arrow(s) in the target.

- (v) The maximum number of archers on a target boss shall be four.

- (vi) Four minutes shall be the maximum time for an archer to shoot an end, the time to start from when the archer steps on to the shooting line. Rule 403(d) (Record Status timing) shall not apply to this Round.

- (d) Scoring. The scoring points for hits on the target face are: 5, 4, 3, 2, 1, reading from the centre white circle.

(e) Recognised Round

- (i) The Round shall consist of 12 ends (60 arrows).

- (ii) The distance to be shot is 20 yds.

- (iii) Each boss shall hold four target faces.

- (iv) Target faces shall be arranged thus:

1	2
3	4

- (v) Two archers of a group shall shoot five arrows; the second group shall then shoot their five arrows.

- (vi) The first group of two archers shall shoot at the higher targets; the second group at the lower targets.

- (vii) When all archers have shot 30 arrows those who have been shooting at the lower targets shall change to the higher targets and those who have been shooting at the higher targets shall shoot at the lower targets, thus those who have been shooting on targets 1 and 2 shall shoot the remaining 30 arrows on targets 3 and 4 retaining their same shooting positions.

409. Regulations for the Vegas Round

- (a) The Rules of Target Archery – Indoor shall apply except as enumerated in the following paragraphs.

- (b) Target Face. The target face is a 40cm triple triangular face as defined in 401 with the addition that each centre shall be numbered in a colour contrasting with the background colour. Centre number 1 shall be the lower left, centre number 2 shall be at the apex of the triangle and centre number 3 shall be the lower right.

- (c) Range layout. Each boss shall hold four faces.

(d) Shooting.

- (i) Rule 304(b)(ii) (rotation) shall not apply.

- (ii) The first group of two archers shall shoot at the higher targets and the second group at the lower targets. When all archers have shot 30 arrows those who have been shooting at the lower targets shall change to the higher targets and those who have been shooting at the higher targets shall shoot at the lower targets.

- (iii) Each archer shall shoot in ends of three arrows.

- (iv) Two ends of sighter arrows shall be shot.

- (v) Arrows shall be numbered and shall be shot in ascending numerical sequence, one arrow at each target centre in the order 1, 2 and 3.

- (e) Scoring. An arrow not shot in the order prescribed in Rule 409(d)(v) or an arrow striking a target centre other than that at which it should have been shot in the order so prescribed shall be scored a miss.

PART 5

FIELD ARCHERY

500. General

- (a) Classes. There may be separate classes for Ladies, Gentlemen, Junior Ladies and Junior Gentlemen.
- (b) Juniors
 - (i) Junior archers are those under 18 years of age. They are placed in the following categories or age groups according to their age on the (last) day of the tournament:
 - a. Juniors under 18
 - b. Juniors under 15
 - c. Juniors under 12
 - (ii) There is nothing to prevent a junior choosing to shoot in a higher age group than his age would warrant provided that he complies with the rules appertaining to that group.
- (c) Prizes and Awards. The allocation of any separate prize, medal, trophy or other award shall be a matter for each individual Tournament Organiser. Classification, or other distinction shall remain the sole prerogative of the Grand National Archery Society.

501. Course layout

- (a) Courses should be laid out in such a way as to provide safety, maximum interest and variety. Targets shall be arranged along a course with such difficulties in aiming and shooting as the terrain presents and the spirit and traditions of the discipline require. Direction indicators should be placed as necessary to ensure safety.
- (b) Suitable barriers shall be placed around the course, wherever necessary, to keep spectators at a safe distance. Only those persons having obtained permission shall be allowed on the course inside the barriers.
- (c) All targets shall be numbered in succession and the number board, which can be used as a stop peg, placed within the approach to the shooting post for that target.
- (d) At targets for all FITA and all Stamp rounds there shall be sufficient area for two competitors to stand side by side and able to shoot at the same time.
- (e) Crossbow targets shall be fixed below skyline.
- (f) The butts shall provide for a margin of at least 5cm outside the lowest scoring zone(s) of the face(s) placed upon them. At no point may any target face be less than 15cm from the ground. In all instances, regardless of the terrain, the butt should be placed reasonably perpendicular to the competitors' line of sight from the shooting post in order to present to the competitor the target face(s) full size as much as is practically possible.
- (g) Faces shall not be placed over any larger face, nor shall there be any marks on the buttress or foreground that could be used as points of aim.

502. Bowstyles The description of bowstyles is given in Part 2. Bowstyles recognised for Field Archery and additional detail are as follows:

- (a) Recurve (Freestyle) – Equipment as defined in Rule 202
- (b) Recurve Barebow – Equipment as defined in Rule 204 with the following limitation:
 - (i) The unbraced bow complete with accessories must be capable of passing through a hole or ring of 12.2cm inside diameter \pm 0.5mm.
- (c) Recurve Traditional – Equipment as defined in Rule 205
- (d) Longbow – Equipment generally as defined in Rule 206 with the following limitations:
 - (i) The bow must be bare therefore marks on bow limbs and rubber bands are not allowed, neither is a “kisser” allowed on the string.
 - (ii) Artificial points of aim on the ground are not allowed.
 - (iii) Archers must adhere to one anchor point and to one finger-position on the string throughout a tournament.
- (e) Compound Unlimited – Equipment as defined Rule 207

- (f) Compound Limited – Equipment as defined in Rule 208
- (g) Compound Barebow – Equipment as defined in Rule 209
- (h) Crossbow – Equipment as defined in Rule 210.
- (j) **Items Not Permitted.** In all the above styles (a) to (h) inclusive, the following are not permitted:
 - (i) Any electronic communication or storage device or headsets on the field course.
 - (ii) Field glasses and other visual aids with scales on the lenses or which incorporate any other means for evaluating distances.
 - (iii) Rangefinders or any other means of estimating distances or angles that are not covered by the current rules regarding competitors' equipment.
 - (iv) Modification to a competitor's equipment to aid the estimation of distance, or the explicit use of any regular piece of equipment for that purpose.
 - (v) Any written memoranda apart from notes concerning the competitors' normal sight marks, the recording of the present personal scores or the Rules.
- (k) **Clarification** For the avoidance of doubt, the use of binoculars and other visual aids is permitted in all GNAS and FITA field rounds, providing they give no aid to measuring distance.

503. Judging

- (a) (i) At all times, whenever shooting takes place, it must be under the control of a Field Captain.
- (ii) At larger meetings, the Field Captain shall be a Judge recognised by the GNAS judging organisation. The grade of judge required for each level of tournament is given at Appendix B.
- (iii) For the purposes of these Rules, the term Judge shall embrace both Judge and Field Captain unless the context indicates otherwise.
- (iv) Where more than one judge is appointed, one shall be the Chairman in charge of the event.
- (b) The duties of the Chairman and other Judges shall be:
 - (i) To ensure that adequate safety precautions have been observed in the layout of the course and warm-up area.
 - (ii) Before shooting commences, to satisfy by inspection that all the archers' equipment conforms to GNAS or FITA rules and the archers' given style. If applicable a judge, being satisfied that the archers' equipment conforms to the style written on the score cards, will sign to that effect on the front of the score cards.
 - (iii) To address the assembled competitors before the shoot commences about safety precautions and any other appropriate matter, including the method of starting the event, the starting points of each group, etc.
 - (iv) To ensure that all competitors are conversant with the rules of the competition and the method of scoring.
 - (v) To resolve disputes or queries that may arise in interpretation of the rules or other matters.

504. Shooting

- (a) During warm-up, the area being used shall be under the control of a judge or competent archer. It is recommended that shooting periods of five minutes be allowed and a then sound signal given for the archers to approach and clear the targets.
- (b) In competition, each shooting group shall consist of no fewer than three archers, Number 1 of each shooting group on the target list will be Target Captain. The maximum number of archers in each shooting group shall be:
 - (i) FITA Field and Arrowhead Rounds – 4.
 - (ii) Other Rounds – 6
- (c) The Target Captain shall be responsible for the orderly conduct of shooting within the group, and have the general responsibility for scoring the arrows. In the case of a dispute, a Judge shall make the final decision.

- (d) Groups shall be assigned to start simultaneously from various targets and will complete the round at the target previous to the one at which they started. Additional groups assigned to a target shall wait until the primary group on that target has shot and scored their arrows before proceeding.
- (e) Competitors in a group may allow other groups to shoot through, provided the Organizers and/or the Judges are notified about the change at the first opportunity.
- (f) Archers waiting their turn to shoot shall stand well back behind the archers who are shooting, preferably at the number board.
- (g) Shooting Position.
 - (i) All FITA Rounds and All Stamp Rounds. Each competitors shall position himself, whether standing or kneeling, as close to as practically possible behind the shooting line (this being an imaginary line drawn through the shooting post parallel to the target), taking into consideration the condition of the terrain and without compromising safety.
 - (ii) All Other Rounds. The archer's more forward foot must be in contact with and behind the shooting post while shooting.
- (h) If an arrow is observed to rebound from, or is believed to have passed through the target face, a Judge shall check it, and if it appears that the arrow has rebounded or passed through then another arrow may be shot at that face from the same position from which the bouncing or passing through arrow was shot.
- (j) An arrow shall be deemed not to have been shot if:
 - (i) The arrow has not rebounded and the archer can touch it with his bow without moving his feet from their position in relation to the shooting line. In this event another arrow may be shot.
 - (ii) The target face or buttress falls over (in spite of having been fixed to the satisfaction of the Judges). The Judges will take whatever measure they deem necessary and compensate adequate time for shooting the relevant number of arrows. If the buttress only slides down it will be left to the Judges to decide what action to take, if any.
- (k) Timing.
 - (i) When a competitor or a group is causing undue delay the Judge will warn the competitor or group after which they may be timed.
 - (ii) For all rounds, whether marked or unmarked distances the timing begins when the archer takes his shooting position, which he shall do as soon as it becomes available. The time limits are:
 - a. For FITA Field and FITA Arrowhead Rounds – 4 minutes per target.
 - b. For other rounds:
 - 1. Where 4 shots are taken from one shooting position – 5 minutes overall.
 - 2. Where 3 shots are taken from one shooting position – 4 minutes overall.
 - 3. Otherwise – 1½ minutes per arrow.
 - (iii) A Judge, having observed an archer exceed the time limit, shall caution him by a signed note on the score card, indicating the time of the warning. At the second and subsequent warnings, during that tournament, the archer's highest scoring arrow at the target where the warning is given, shall be annulled.
- (l) In case of equipment failure the order of shooting may be changed temporarily. In any event no more than 30 minutes shall be allowed to repair any equipment failure. The other competitors in that group shall shoot and score their arrows before allowing any following groups to shoot through. If the repair is completed within the time limit the competitor in question may make up any arrows remaining to be shot on that target. If the repair is completed later the competitor may rejoin his group but will lose the arrows his group has shot in the meantime.
- (m) No person shall relate to competing archers the target distances on unmarked courses during the tournament.
- (n) Although there are no specific dress regulations in field archery, all competitors, field party and officials should wear bright visible colours.

505. Scoring

- (a) Two of each shooting group shall be scorers. Each shall be supplied with a separate set of score cards for the group. The duties of the scorers shall be as follows:
- (i) To write down the scores of each competitor in the group.
 - (ii) To compare the two score cards before the arrows are drawn.
 - (iii) To complete the score card at the end of shooting.
 - (iv) To ensure that the score cards are returned without delay to the Organisers.
- (b) A mistake on a score card may be corrected before the arrows are drawn, provided all archers in the group agree to the correction. The correction shall be witnessed and initialled by all archers and shown to a judge at the first opportunity. The judge shall initial the archers' action.
- (c) At the end of the shoot the score cards shall be signed by the scorer and by the archer as an acceptance of the final score.
- (d) Should the two cards not agree, then the lower score shall be taken as the result.
- (e) Neither the arrows nor the target face shall be touched until all arrows on that target have been recorded and scores checked.
- (f) (i) An arrow shall be scored according to the position of the shaft on the face. Should the shaft of an arrow touch two zones or a dividing line between scoring zones, that arrow shall score the higher value of the zones affected.
(ii) A miss is to be recorded as a letter M.
- (g) If more than the prescribed number of arrows belonging to the same competitor should be found in the target or on the ground of the shooting lanes, only the appropriate number of arrows of lowest value shall be scored. Should a competitor be found to repeat this he may be disqualified.
- (h) Should a fragment of a target face be missing, including a dividing line or where two colors meet, or if the dividing line is displaced by an arrow, then an imaginary line shall be used for judging the value of any arrow that may hit such a part.
- (j) Arrows embedded in the buttress and not showing on the face can only be scored by a Judge.
- (k) An arrow hitting:
- (i) Another arrow in the nock and remaining embedded therein shall score according to the value of the arrow struck.
 - (ii) Another arrow, and then hitting the target face after deflection, shall score as it lies in the target.
 - (iii) Another arrow, and then rebounding shall score the value of the arrow struck, provided the damaged arrow can be identified.
 - (iv) A target face other than the competitor's own target face shall be considered as part of that end and shall score as a miss.
- (l) In the event of a tie in score, the result will be determined in the following order:
- (i) Greatest number of scoring hits.
 - (ii) Greatest number of highest scoring zone hits.
 - (iii) After this the archers still tying shall be declared equal.

506. Target Faces

- (a) FITA Field Face
- (i) The FITA field face consists of a yellow centre spot and four equal width outer scoring zones. The background of the face shall be white. The yellow five ring scoring zone (spot) shall be divided by a black line of maximum 1mm in width. The four outer scoring zones shall be black and be divided by white lines of maximum 1mm in width. Any dividing lines shall be in the higher scoring zone. In the centre of the spot there shall be a fine lined X.

(ii) There are 4 sizes of face. Critical details are:

Colour of Zones	Scoring Zones	Diameter of faces and of scoring zones (cm)				Tolerance in mm ±
		20cm	40cm	60cm	80cm	
yellow	5(inner)	2	4	6	8	1
yellow	5	4	8	12	16	1
black	4	8	16	24	32	1
black	3	12	24	36	48	3
black	2	16	32	48	64	3
black	1	20	40	60	80	3

- (b) Forester Round Faces. The target faces shall be of animal or bird design, and shall have inscribed on them an outer circle of fixed diameter, an inner circle of half that diameter and a spot of one sixth that diameter, thus:

Outer Circle Diameter (ins)	Inner Circle Diameter (ins)	Spot Diameter (ins)
24	12	4
18	9	3
12	6	2
6	3	1

(c) Big Game Round Faces

- (i) The target faces shall be of animal or bird design with the scoring area divided into two parts. The higher scoring area is the smaller area situated in the 'heart/lung' region of the animal known as the 'kill' zone. The lower scoring area is the remainder of the animal within the marked perimeter known as the 'wound' zone.
- (ii) Targets are classed into groups one, two, three and four, according to size:

Group	Size (ins)	Animal
1	40 x 28	Bear, deer, moose, elk, caribou
2	22 x 22	Antelope, small deer, wolf, mountain lion
3	22 x 14	Coyote, javelina, turkey, fox, goose, wildcat, pheasant.
4	14 x 11	Turtle, duck, grouse, crow, skunk, jackrabbit, woodchuck

Any animal or bird consistent in size with a particular group may be used.

- (d) National Animal Round Faces. The target faces shall be of an animal or bird design, and shall have described upon them a circle of either 30, 22.5, 15, or 7.5cm diameter according to the size of the animal picture and in the heart/lung region. The higher scoring area (the kill zone) shall be within the circle and the remainder of the animal shall be the lower scoring area (the wound zone). Bengston Bowhunter faces fulfill the requirements set out above and shall be used at National Record Status events.

DESCRIPTION OF ROUNDS

507. FITA Field Round

- (a) The FITA Field Rounds are shot to *FITA Rules but without yellow posts*. *FITA field faces are used*. The face layout shall be:
- (i) 80cm and 60 cm faces. Single faces are used.
 - (ii) 40cm Faces. Four faces shall be placed in the form of a square.
 - (iii) 20cm Faces. Twelve faces shall be placed in 4 vertical columns of 3.

- (b) The different rounds and the number of targets permitted are as follows:
- (i) Unmarked Round. Generally 24 unmarked targets but can be any number in the range 12 - 48 that is divisible by 4.
 - (ii) Marked Round. Generally 24 marked targets but can be any number in the range 12 - 48 that is divisible by 4.
 - (iii) Combined Round. An Unmarked Round and a Marked Round. The round is shot over 2 days; if the same field is used for both rounds, the Unmarked Round shall be shot first.
 - (iv) Mixed Round (Combination). Generally 24 targets but can be any number in the range 12 - 48 that is divisible by 4, half the targets being Marked and half Unmarked. The round is shot in one day.
- (c) Target distances shall be as given below. The course may be shot with any number of walk-ups or fan targets.
- (i) Unit for Unmarked Course

Number of Targets	Diameter of Field Faces in cm.	Distance in metres		
		White Post(s)	Blue Post(s)	Red Post(s)
2 - 4	20	5 - 10	5 - 10	10 - 15
2 - 4	40	5 - 15	10 - 20	15 - 25
2 - 4	60	10 - 20	15 - 30	20 - 35
2 - 4	80	15 - 25	30 - 45	35 - 55

The distances of *each of the target faces* of the same size should vary between long, medium and short distances.

- (ii) Unit for Marked Course

Number of Targets	Diameter of Field Faces in cm.	Distance in metres		
		White Posts	Blue Posts	Red Posts
3	20	5 - 7 - 10	5 - 10 - 15	10 - 15 - 20
3	40	10 - 15 - 20	15 - 20 - 25	20 - 25 - 30
3	60	15 - 20 - 25	30 - 35 - 40	35 - 40 - 45
3	80	20 - 25 - 30	40 - 45 - 50	50 - 55 - 60

- (iii) For both marked and unmarked units, wherever possible the posts may be combined.
- (iv) Where more than 12 targets are required for a Unit, additional targets, in multiples of 4 may be added:
 - a. If 4 additional targets are required, they shall be one for each face size and set at the middle distance on marked units and in the central distance area for unmarked targets.
 - b. If 8 additional targets are required, they shall be two for each face size and set at the short and long distances on marked units and in the spread across the distance range for unmarked targets.
 - c. If 12 additional targets are required the round may be shot going twice over the same unit of targets.
- (v) Tolerances and Variations.
 - a. The tolerance on the distance from post to target shall not exceed ± 25 cm on distances of 15m or less, and shall not exceed ± 1 m on distances between 15 - 60m. The distance should be measured in the air approximately 1.5 - 2m above the ground. All kinds of measuring equipment can be used as long as it satisfies the tolerances.
 - b. The marked target distances given in Rule 507(c)(ii) above may be adjusted by ± 2 m. The correct distance shall be marked on the post
- (d) Bowstyle/Age Variations.
 - (i) The shooting posts to be used by senior and junior archers according to bowstyle and age are as follows:

Bowstyle	Age Ranges		
	Red Posts	Blue Posts	White Posts
Recurve Freestyle	All except Juniors Under 15 & Under 12	Juniors Under 15	Juniors Under 12
Recurve Barebow		<i>All except Juniors Under 15 & Under 12</i>	<i>Juniors Under 15 & Under 12</i>
Recurve Traditional		<i>All except Juniors Under 15 & Under 12</i>	<i>Juniors Under 15 & Under 12</i>
Longbow		<i>All except Juniors Under 15 & Under 12</i>	<i>Juniors Under 15 & Under 12</i>
Compound Unlimited	<i>All except Juniors Under 15 & Under 12</i>	<i>Juniors Under 15</i>	Juniors Under 12
Compound Limited	All except Juniors Under 15 & Under 12	Juniors Under 15	Juniors Under 12
Compound Barebow		<i>All except Juniors Under 15 & Under 12</i>	<i>Juniors Under 15 & Under 12</i>
Crossbow	All		

- (ii) Rounds for National Record Purposes. National Records are maintained for the Unmarked round, Marked round, Combined round (shot over two consecutive days), Mixed round and the Double Mixed round (shot over two consecutive days). In the following table a ● indicates that a National Record is maintained for the given age, gender, post colour and bowstyle.

Gender & age group	Post colour	Recurve Freestyle	Recurve Barebow	Recurve Traditional	Longbow	Compound Unlimited	Compound Limited	Compound Barebow
Ladies & Gentlemen	Red	●				●	●	
Ladies & Gentlemen	Blue		●	●	●			●
Juniors Under 18	Red	●				●	●	
Juniors Under 18	Blue		●	●	●			●
Juniors Under 15	Red	●				●	●	
Juniors Under 15	Blue	●	●	●	●	●	●	●
<i>Juniors Under 15</i>	<i>White</i>		●	●	●			●
Juniors Under 12	Red	●				●	●	
Juniors Under 12	Blue	●	●	●	●	●	●	●
Juniors Under 12	White	●	●	●	●	●	●	●

(e) Shooting Sequences

- (i) Three arrows shall be shot at each target, either all from one post or, at walkups and fan targets, one from each of 3 posts.
- (ii) In a group the two archers listed first on the target list will shoot together as the first pair, the other two archers will form the second pair. The competitor listed first of each pair will shoot from the left side of the post the other competitor from the right side of the post. The first pair will start the shooting on the first target assigned to the group; the second pair will start shooting at the next target. The pairs shall rotate shooting at all subsequent targets throughout the competition. If all competitors of the group agree they may change the above arrangement, pairing and/or shooting position before the beginning of the competition. That arrangement will remain unchanged throughout that Round.
- (iii) If there are three archers in a group, the third listed on the target list will form the second pair for rotation purposes and will always shoot from the left side of the shooting post. This arrangement may be changed by mutual agreement before the beginning of the shooting. That change shall be final throughout that Round.

- (iv) Should there be sufficient room at a post, all competitors in the group may shoot at the same time.
 - (v) Shooting at the blocks of 40cm faces Of the pair of competitors whose turn it is to shoot first, the competitor on the left shall shoot at the top left hand face, while the competitor on the right shall shoot at the top right hand face. Of the pair of competitors whose turn it is to shoot second, the competitor on the left shall shoot at the lower left hand face, while the competitor on the right shall shoot at the lower right hand face.
 - (vi) Shooting at the blocks of 20cm face Of the pair of competitors whose turn it is to shoot first, the competitor on the left shall shoot at the faces in column 1, while the competitor on the right shall shoot at the faces in column 3. Of the pair of competitors whose turn it is to shoot second, the competitor on the left shall shoot at the faces in column 2, while the competitor on the right shall shoot at the faces in column 4. Each competitor will shoot his arrows in any order, one at each face.
- (f) **Scoring.** The points values for hits on the target, from centre outwards are:

Zone	Points
inner yellow	Record as X, score value 5
yellow	5
black	4
black	3
black	2
black	1

- (g) (i) Total number of arrows for 24 targets – 72.
- (ii) Maximum possible score for 24 targets – 360.
- (h) **Resolution of Ties.** Notwithstanding Rule 505(l), in the event of a tie in score, the result will be determined in the following order:
 - (i) Greatest number of 5's (including X's).
 - (ii) Greatest number of X's
 - (iii) After this the archers still tying shall be declared equal.

508. FITA Arrowhead Round The FITA Arrowhead Round is accorded FITA Award Status, enabling archers to achieve FITA Arrowhead Awards.

Note. See Shooting Administrative Procedures 6 for details of the Award.

- (a) The FITA Arrowhead Round consists of any number of targets between 24 - 48 targets that is divisible by 4, comprising two complete FITA field rounds each of which is between 12 - 24 targets. The FITA field rounds may be shot on marked or unmarked courses or one of each. Distances shall be as set forth in Rule 507(c).
- (b) The Round is conducted in accordance with the rules for the FITA Field Round given at Rule 507 except as detailed below:
 - (i) All arrow holes shall be suitably marked on each occasion when arrows are scored and drawn from the target.
 - (ii) Notwithstanding Rule 504(h), in case of a rebound or pass-through the scoring shall take place as follows:
 - a. If all of the competitors in that shooting group agree that a rebound or pass-through has occurred they may also agree on the value of that arrow.
 - b. If they cannot agree on the value of the arrow, the competitor shall be awarded the value of the lowest unmarked arrow hole.
- (c) Arrowhead Awards are only available for archers shooting Recurve Freestyle or Compound from the red pegs, or shooting Recurve Barebow from the blue pegs. However, Organisers may allow all bowstyles to compete, using pegs as shown in Rule 507(d)

509. Stamp Unmarked, Stamp Marked & Stamp Mixed (Combination) Rounds.

(a) Procedures Common to All Stamp Rounds

- (i) The rounds are shot on FITA Field Faces.
- (ii) Tolerance on the distance from post to target shall be:
 - a. $\pm 25\text{cm}$ on distances of 15 metres or less.
 - b. $\pm 50\text{cm}$ on distances longer than 15 metres.
- (iii) Scoring points for hits on the target, from centre outwards shall be:

Zone	Points
inner yellow	5, recorded as 5
yellow	5
black	4
black	3
black	2
black	1

- (iv) Arrows shall be numbered by means of distinctive bands at least 3mm in width and approximately 3mm apart and shall be shot in ascending numerical order.
- (v) 80cm & 60cm Faces Single faces are used. After the first two archers have shot they will be allowed to go forward to score and withdraw their arrows, either at the request of the next detail or on their own volition.
- (vi) 40cm Faces. Four faces shall be placed in the form of a square. Archers shooting from the left side shall shoot their first two arrows at the top left face, and the remaining two arrows at the lower left face; archers shooting from the right side shall shoot similarly at the top and lower right faces. After the first two archers have shot they will be allowed to go forward to score and withdraw their arrows, either at the request of the next detail or on their own volition.
- (vii) 20cm Faces. Sixteen faces shall be placed in four vertical columns (1, 2, 3 & 4 from the left) of four faces (A, B, C & D from the top).
 - a. Archers shooting from the left side in the first detail shall shoot one arrow at each of the faces in column 1 starting at face A then B, C and D in order; archers shooting from the right side in the first detail shall shoot their arrows in a similar manner at faces in column 3.
 - b. The archers in the second detail shall shoot their arrows in a similar manner from the left side at faces in column 2 and from the right side at faces in column 4.
 - c. When more than four archers are in the shooting group then the fifth archer shall shoot from the left side and the sixth from the right, in a similar manner, after the first four archers have scored and drawn their arrows.

(b) Stamp Unmarked Round

- (i) The Round consists of 28 Targets with one arrow from each of four different positions for each target. Numbers of targets for each size and the required shooting distances are:

Number of faces	Face Size (cm)	Distance (m)
4	20	5 - 15
8	40	10 - 30
10	60	20 - 40
6	80	30 - 50

- (ii) The total number of arrows – 112.
- (iii) The maximum possible score – 560.
- (iv) Juniors
 - a. Juniors under 18 shoot from the same positions as adults in all cases.

- b. Juniors under 15 shoot two arrows from each of the two nearest shooting positions at single-faced targets, which will be either 60cm or 80cm faces, and one arrow from each peg at the 20cm & 40cm targets.
- c. Juniors under 12 shoot all four arrows from the front shooting positions on all targets.
- d. Organisers MAY provide suitably placed extra forward positions for under 12's at their discretion. In this case no under 12 records can be claimed and a statement to this effect must appear on entry forms for Record Status Tournaments.

(c) Stamp Marked Round

- (i) The Round consists of 28 targets with four arrows at each target from marked distances. Numbers of targets for each size and the required shooting distances for each arrow are:

Number of Targets	Face Size (cm)	Distances for each arrow at each target (m)			
2	80	60	55	50	45
2	80	60	60	60	60
2	80	55	55	55	55
2	80	50	50	50	50
2	60	45	40	35	30
2	60	45	45	45	45
2	60	40	40	40	40
2	60	35	35	35	35
2	40	30	25	20	15
2	40	30	30	30	30
2	40	25	25	25	25
2	40	20	20	20	20
2	40	15	15	15	15
2	20	12	10	8	6

- (ii) The total number of arrows – 112.
- (iii) The maximum possible score – 560.

(iv) Juniors

- a. Juniors under 18 shoot from the same positions as adults in all cases.
- b. Juniors under 15 shoot all four shots from the front position on 80cm walk-up target and have a forward position provided 15 metres in advance of the adult position on the fixed position targets at 60m, 55m and 50m (all 80cm faces) and at 45m (60cm face).
- c. Juniors under 12 shoot the same privilege shots as Juniors under 15, and in addition, shoot from the front position at all walk-up targets.
- d. Organisers MAY provide suitably placed extra forward positions for under 12's at their discretion. In this case no under 12 records can be claimed and a statement to this effect must appear on entry forms for Record Status Tournaments.

(d) Stamp Mixed (Combination) Round

- (i) The round shall consist of one unit of Stamp unmarked targets and one unit of Stamp marked targets laid out consecutively. Each unit shall be 14 targets, representing a correct half of those shot in the respective full round. Where both units are shot over the same course, the unmarked unit shall be shot first.
- (ii) Juniors The rules regarding shooting positions for Juniors in the unmarked and marked Stamp Rounds apply to the appropriate unit in this Round.

510. Foresters Round The Foresters Round is shot on Foresters faces at either marked or unmarked distances. The round consists of 28 targets comprising 2 units of 14 targets.

(a) The standard unit shall consist of the following 14 targets:

Number of targets	Face Size (ins)	Maximum Distance (yds)	Number of Shots at each Target
3	24	70	4
4	18	50	3
4	12	40	2
3	6	20	1

- (i) All shots are from separate pegs.
- (ii) Multi-peg shots may be equidistant from the target, 'walk-away' or 'walk-up'.

(b) Scoring

<u>Zone</u>	<u>Points Value</u>
Aiming spot	15
Inner circle	10
Outer circle	5

(c) Total number of arrows – 70

(d) Maximum possible score – 1050

(e) Juniors

- (i) Juniors under 18 shoot from the same posts as adults in all cases.
- (ii) Juniors under 15 shoot:
 - a. From the same posts as adults at the 6" and 12" faces.
 - b. Two arrows from the middle distance post and one arrow from the front post at 18" faces.
 - c. Two arrows from each of the two nearest posts at the 24" faces.
- (iii) Juniors under 12 shoot all arrows from the front post at all targets.

511. Four-Shot Foresters Round The Four-Shot Foresters Round is shot on Foresters faces at unmarked distances. The round consists of 28 targets comprising 2 Units of 14 targets, with four walk-up shots on each target.

(a) Distribution of faces, as for Foresters Round.

(b) Scoring as in Foresters Round.

(c) Total number of arrows – 112.

(d) Maximum possible score – 1680.

(e) Juniors

- (i) Juniors under 18 shoot from the same posts as adults in all cases.
- (ii) Juniors under 15 shoot two arrows from each of the two nearest shooting posts at the targets showing 18" and 24" faces.
- (iii) Juniors under 12 shoot all arrows from the front post at all targets.

512. The Big Game Round The Big Game Round is shot on Big Game faces at either marked or unmarked distances. The round consists of 28 targets comprising 2 units of 14 targets.

(a) The standard Unit shall consist of the following 14 targets:

Target Group	Number of targets	Suggested target range (yds)
1	3	70 - 40
2	3	50 - 30
3	4	40 - 20
4	4	30 - 10

(b) Shooting Rules.

- (i) Three shots are permitted at each target, one from each of three posts, each successive post being closer to the target than the previous one.
- (ii) Arrows shall be numbered by means of distinctive bands at least 3mm in width and approximately 3mm apart and shall be shot in ascending numerical order. The archer shall stop shooting as soon as a hit is considered to have been made.

(c) Scoring.

- (i) The score is decided by the position of the arrow in the target (i.e. in the 'kill' or 'wound' zone) and the number of arrows shot as follows:

Arrow	Kill Value	Wound value
1st	20	16
2nd	14	10
3rd	8	4

- (ii) Only the score of the first 'scoring' arrow counts.

- (iii) The maximum possible score – 560.

(d) Juniors

- (i) Juniors under 18 shoot from the same post as adults in all cases.
- (ii) Juniors under 15 shoot two arrows from the middle distance post and one from the front post until a hit is scored.
- (iii) Juniors under 12 shoot up to three arrows from the front post until a hit is scored.

513. The National Animal Round The National Animal Round is shot on National Animal faces at unmarked distances. The round consists of 32 targets comprising 2 units of 16 targets. The targets shall be mixed so that the units are not consecutive. Organisers are required to provide a good variety of shots.

- (a) The course shall be laid out so that each unit shall consist of the following 16 targets set within the prescribed range.

Number of targets	Kill Zone Diameter (cm)	Range (m)
4	30	55 - 30
4	22.5	45 - 20
4	15	35 - 10
4	7.5	20 - 5

- (b) At targets using the smallest kill zone diameter face, organisers may place two faces side by side, reducing the need of archers in the group having shot, to clear their arrows to reduce the possibility of damage.

- (c) Shooting Two arrows shall be shot at each target, one from each of two posts set within the prescribed range.

(d) Scoring.

- (i) Kill zone – 10 points
- (ii) Wound zone – 5 points
- (iii) Total number of arrows – 64
- (iv) Maximum possible score – 640.

(e) Juniors

- (i) Juniors under 18 shoot from the same posts as adults in all cases.
- (ii) Juniors under 15 shoot both arrows from the nearer shooting post at the 30cm kill zone faces.
- (iii) Juniors under 12 shoot both arrows at the 30cm kill zone and the 22.5cm kill zone diameter faces from a single privilege post set at an appropriate distance.

514. FITA Forest Round This round is shot as described in current FITA Rules. The GNAS relaxations from FITA Rules may be applied as follows:

- (a) Shooting positions for various bowstyles and ages may be as outlined in Rule 507(d).
- (b) Arrowholes need not be marked, in which case the bouncer/passthrough rule, Rule 504(h) will apply.

515. FITA 3D Animal Round. This round is shot as described in current FITA Rules. The GNAS relaxations from FITA Rules as described in Rule 514 may be applied.

516. Local/Club Rounds In addition to rounds specified above, any local round made up of other combinations of numbers of arrows, target faces and distances, may be used in Clubs and Tournaments. All such rounds must be shot in all respects to the Rules of Shooting. They are not recognised for GNAS Record or Classification purposes.

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PART 6

FLIGHT SHOOTING

600. Bowstyles The description of bowstyles is given in Part 2. Bowstyles recognised as classes for Flight Shooting and additional detail are as follows:

- A. Recurve Target Bow** – Equipment as defined in Rule 202
 - (i) The position of the arrow rest where the arrow point falls off the rest shall be used as the reference point when determining the draw weight of the bow.
 - (ii) Competitors must use their standard target archery length arrows and normal tab or shooting glove.
- B. Conventional Flight Bows** – Equipment as defined in Rule 211
 - (i) Arrows shall be not less than 14" long, as measured between the floor of the nock and the point of the pile.
- C. Compound Target Bow** – Equipment as defined in Rule 207
 - (i) Competitors must use their standard target archery length arrows and must use their conventional anchor point. Normal finger protection or mechanical release aid may be used.
- D. Longbow.** – Equipment as defined in Rule 206
 - (i) Arrows must be conventional longbow arrows but may be to profile and fletching shape as preferred.
- E. Crossbow.** – Equipment as defined in Rule 210
 - (i) Crossbow bolts shall be between 12" and 15" long.
- F. Compound Flight Bow.** – Equipment as defined in 212
 - (i) Arrows shall be not less than 14" long, as measured between the floor of the nock and the point of the pile.

601. Bow Weight Divisions

- (a) Classes A, B and D may be divided into divisions based on bow weight as follows:
 - (i) Not exceeding 35lbs
 - (ii) Not exceeding 50lbs
 - (iii) Unlimited
- (b) Classes C and F may be divided into divisions based on bow weight as follows:
 - (i) Not exceeding 45lbs
 - (ii) Not exceeding 60lbs
- (c) The weight of a bow in class A or B shall be determined in the following manner: The weight of the bow shall be taken at two inches less than the length of the longest arrow, and again at one inch less than the length of this arrow. When the difference between the two weights is added to the weight of the arrow drawn at one inch less, this is the equivalent to drawing the bow to full draw.
- (d) The weight of a bow in class C or F shall be measured at the "break over" point or position of normally drawn bow at which the bow's maximum poundage is achieved and shall not exceed 60 lbs.
- (e) The weight of a bow in class D shall be determined by drawing the shoulder of the pile to the back of the bow.
- (f) The weight of a bow in class E shall be measured at the string latch and shall be no more than 95lbs (43 kg).

602. Basis

- (a) Hand bows only may be used and the bowhand must be unsupported.

- (b) Competition for all classes and weight divisions may take place simultaneously.
- (c) Archers may enter a maximum of 4 classes/weight divisions for which they are eligible.
- (d) Classes and weight divisions will not be in direct competition with other classes and weight divisions.
- (e) There may be ladies, gentlemen, junior ladies and junior gentlemen competitions in each class and weight division.
- (f) The classes and weight divisions being shot will be at the discretion of the organiser and are to be identified on the entry form.
- (g) (i) Compound target bows and compound flight bows shall be weighed immediately prior to the competition. Variable poundage adjustment mechanisms shall be sealed by the Range Captain at the time of qualifying. Breakage of this seal without permission from the Range Captain shall constitute disqualification.
- (ii) All other bows shall be weighed on an ad hoc basis during the shoot. At least 25% of the bows used will be weighed.
- (iii) All class winners will have their bows re-weighed at the end of the competition. The Range Captain will endorse their reports certifying that this has taken place. Any archer may ask to have their bow weighed during the course of the tournament.

603. Range Layout

- (a) The Range Line, at right angles to the shooting line, shall be clearly marked at 150 yards then at 50 yard intervals to at least 50 yards beyond the existing longest distance shot in the U.K. within the classes being shot.
- (b) Red warning flags shall be placed at each side of the range at 75 yards from the line of distance markers at a distance of 150 yards from the shooting line.
- (c) Organizers must arrange a venue such that they can ensure no one enters the range area whilst the event is in progress.

604. General

- (a) In the event of breakage a substitute bow or limbs may be used providing the Range Captain confirms that the bow still complies with the class/weight division. Any substitute bow must be shot in the appropriate division.
- (b) Arrows must bear the following identification:
 - (i) Name or initials of contestant and a non-duplicated serial number affixed to the arrow shaft, and registered with the officials.
 - (ii) Stamp or code mark indication class, affixed by the officials.
- (c) The term mechanical as applied to bows and equipment shall be taken to mean any method that embodies a plurality of interacting parts, whether such are individual pieces or spring co-joined parts capable of cooperatively acting to effect bow string release by a separating movement of at least one such part relative to another.

605. Shooting

- (a) Competitors should be at least six feet apart, and must not advance their leading foot over the shooting line.
- (b) Each competitor may have one assistant or advisor, who must keep at least one yard behind the shooting line.
- (c) (i) At least one end of six arrows will be shot per bow class/division. Four ends will be the maximum arrows shot in a tournament.
- (ii) If a competitor shoots more than six arrows at any one end, the longest shot arrows in excess of the six arrows allowed shall be disqualified.
- (iii) No competitor shall be allowed to carry any arrows when moving forward of the shooting line.
- (iv) After all classes have shot the first end competitors and officials will go forward. Competitors will stand by their furthest arrow. A marker with a label attached bearing the name of the archer and class will then be placed at the pile end of the furthest arrow in each class. Arrows will then be withdrawn.

- (v) Succeeding ends may then be shot and markers adjusted where necessary.
 - (vi) Lost arrows must be reported to the Range Captain and a record made of their identity before the next end is shot. If found during subsequent ends and showing no evidence of having been moved or disturbed, the arrow may be considered in the competition. No arrow may be measured after the Range Captain has declared the competition closed.
- (d) A Flight event may be shot on the same day at the same venue as a Clout event without contravening Rule 304(j).

606. Control of Shooting There shall be a Range Captain in charge who may be assisted by assistant Range Captain/s. Their decision will be final. They will also be responsible for the safety of the event. Spectators must at all times, when shooting is in progress, be at least 10 yards behind the shooting line.

607. Measurements Measurement of distance shall be made with a steel tape, or other certified measure, along the range line. The distances shot shall be measured to that point on the range line at which a line at right angles to the range line passes the point where the arrow enters the ground. If the arrow is lying on the ground the line should pass through the pile end of the arrow.

608. Dress Although there are no specific dress regulations in Flight Shooting, it is recommended that all competitors, field party and officials, wear bright visible colours.

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PART 7

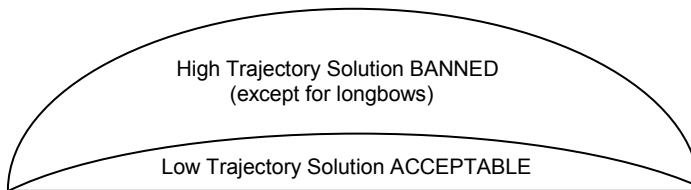
CLOUT SHOOTING

SECTION A – All Clout Events

700. General Regulations

- (a) GNAS Rules of Shooting for Target Archery – Outdoor shall apply except as enumerated in the following paragraphs.
- (b) The Organisers shall take all reasonable steps to ensure that there be no risk occasioned to people, animals or property from arrows that miss the target area by overshoot or to either side (a distance of 75 yards from the Clout centre to the boundary of any land to which the public has access is deemed reasonable).
- (c) The Organiser, after considering general safety, archers' comfort and the duties of scorers, shall use his discretion as to the number of archers allocated to each target.
- (d) A Clout event may be shot on the same day and at the same venue as a Flight event without contravening Rule 304(j).
- (e) All archers must have received instruction in Clout shooting prior to competitions. To confirm this, each entry form must contain the following certificate to be signed by each archer before shooting commences:

I have received instruction in Clout shooting prior to this tournament.
Archer's signature:
- (f) The bow must be drawn in such a way that the angle the arrow makes with the horizontal must never be greater than that which it makes at the point of release/loose.
- (g) High Trajectory clout shooting is BANNED except for Longbows.



701. Bowstyles The description of bowstyles is given in Part 2. Bowstyles applicable to Clout Archery are as follows:

- (a) Recurve (Freestyle) – Equipment as defined in Rule 202.
- (b) Recurve Barebow – Equipment as defined in Rule 204.
- (c) Longbow – Equipment as defined in Rule 206.
- (d) Compound Unlimited – Equipment as defined Rule 207.
- (e) Compound Limited – Equipment as defined in Rule 208.
- (f) Crossbow – Equipment as defined in Rule 210.

SECTION B – GNAS Clout

702. Targets The centre of the target shall be marked by a brightly coloured distinctive flag 12" square, set as close as practicable to ground level on a smooth vertical stick. The stick should not project above the flag.

703. Shooting

- (a) Shooting may be either 'two way' or 'one way'.
- (b) Six sighter arrows shall be shot in each direction when shooting two ways.

704. Scoring

- (a) Scores shall be determined according to the distance of arrows at point of entry in ground from centre of flag stick as follows:
- | | | | |
|--------------------|-----------|---|----------|
| Within a radius of | 18 inches | – | 5 points |
| | 3 feet | – | 4 points |
| | 6 feet | – | 3 points |
| | 9 feet | – | 2 points |
| | 12 feet | – | 1 point |
- (b) Rings of the above radii may be marked on the ground, the lines drawn being wholly within each circle.
- (c) Arrows which have hit and remain embedded in the Clout flag shall score 5 provided they are not embedded in a lower scoring ring whereupon they shall score according to the ring in which they are embedded.
- (d) An arrow lying loose on the ground shall be scored in accordance with the position of its point.
- (e) (i) Where it is not practical to draw lines on the ground, scores shall be determined with a non-stretch cord or tape looped round the centre stick and clearly marked to measure the various radii. Where this method of measuring is used an area should be marked on the ground (conveniently a square or circle) which will contain the whole of the Clout scoring zone and which for all purposes included in (f) be termed the Target Area.
- (ii) The scorer should allow adequate time for all archers shooting to determine the position of the arrows in the said area before carrying out the following procedure.
- (iii) The scorer shall carry the taut cord round at ground level and one assistant scorer following the cord at each 'colour' shall withdraw and carry all arrows from the 'colour' for which he is responsible.
- (iv) The arrows shall then be placed in distinct groups on or stuck into the ground at the appropriate section of the scoring cord and competitors will call their scores in the usual manner, picking up their arrows as they do so.
- (f) No person other than the appointed scorers shall enter the target area until all arrows have been withdrawn and placed in their respective scoring groups. An arrow withdrawn by any other than an appointed scorer shall not be scored.
- (g) Resolution of Ties.
- (i) Ties shall be resolved as follows:

Award Based On	1 st Tie Break	2 nd Tie Break
Score	Hits	Clouts (5s)
Hits	Score	Clouts (5s)
Clouts (5s)	Score	Hits

- (ii) If all elements are the same, the archers shall be declared equal

705. Round

- (a) A GNAS Clout Round consists of 36 arrows.
- (b) The minimum distances that must be shot for National Record purposes are as follows:

Gentlemen	9 score yards	(180 yds)
Ladies	7 score yards	(140 yds)
Junior Gentlemen under 18	7 score yards	(140 yds)
Junior Gentlemen under 16	6 score yards	(120 yds)
Junior Gentlemen under 14	5 score yards	(100 yds)
Junior Gentlemen under 12	4 score yards	(80 yds)
Junior Ladies under 18	6 score yards	(120 yds)
Junior Ladies under 16	5 score yards	(100 yds)
Junior Ladies under 13	4 score yards	(80 yds)

- (c) National records will be maintained for single and double rounds, both one way and two way, subject to the conditions shown in Rule 705(b) and provided that shooting is in accordance with the GNAS shooting regimes specified in these Rules of Shooting. Where two or more rounds are shot on the one day in the same venue, only the first round will be accepted for a single round record, irrespective of bowstyle.
- (d) A junior may hold a record in a distance of a higher age group.
- (e) Although the distances given above are normally shot, other distances may be shot at the Tournament Organiser's discretion and subject to there being no compromise in safety standards. Any other distances cannot be considered for National Records or Six Clout Badges.

SECTION C – FITA Clout

706. Introduction. The FITA Clout Round is conducted in a manner similar to the GNAS Clout round. It is fully described in the FITA Constitution & Rules, to which reference should be made.

707. National Records. National records will be maintained for single and double FITA Clout rounds shot one way. Shooting may be in accordance with either the GNAS shooting regimes specified in these Rules of Shooting or the FITA shooting regimes. The round need not be the first round of the day.

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PART 8

CROSSBOW TARGET ROUNDS

800. Special Crossbow Target Rounds

- (a) The following rounds, based on GNAS Imperial Rounds given in Part 3, may be shot by crossbowmen:
 - (i) Crossbow Windsor Round shot on a 60cm 10-zone face scoring 9,7,5,3,1. The Championship Round shall be a Double Windsor.
 - (ii) Crossbow American Round shot on a 60cm 10-zone face scoring 10,9,8,7,6,5,4,3,2,1.
 - (iii) Crossbow Western Round shot on an 80cm 10-zone face scoring 10,9,8,7,6,5,4,3,2,1.
- (b) All other aspects of these rounds and the way they are shot shall be in accordance with GNAS Rules of Shooting for Target Archery – Outdoor.

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PART 9

TRADITIONAL LONGBOW TARGET ARCHERY

900. Introduction In addition to participating in archery as described in other Parts of these Rules, longbow archers may practice traditional two-way longbow target shooting as described below.

901. Regulations GNAS Rules of Shooting for Target Archery – Outdoor shall apply except as enumerated in the following paragraphs.

902. Bowstyle Longbows as described in Rule 206 shall be used for Longbow shooting.

903. Range Layout The range layout will be in accordance with Rule 301/302 with the following exceptions:

- (a) Two way shooting is allowed.
- (b) The minimum overshoot distance is 50 yards beyond the furthest targets.
- (c) When shooting two ways:
 - (i) Shooting lines may be moved and waiting lines omitted.
 - (ii) Where the public has access, a parallel side safety area shall be roped off between both overshoot safety lines, at a minimum distance of 25 yards out from the ends of both target lines.

903A. Number of Archers on a Target *The maximum number of archers on a target shall be eight.*

904. Shooting Procedure The organiser of a traditional two-way longbow tournament may opt either:

- (a) To follow GNAS Rules of Shooting in all respects not detailed above.
or
- (b) To conform to any of the following aspects of the British Long-Bow Society's rules in respect of:
 - (i) Sighters.
 - (ii) Composition and control of shooting ends.
 - (iii) Bouncer rule.
 - (iv) Use of binoculars.

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PART 10

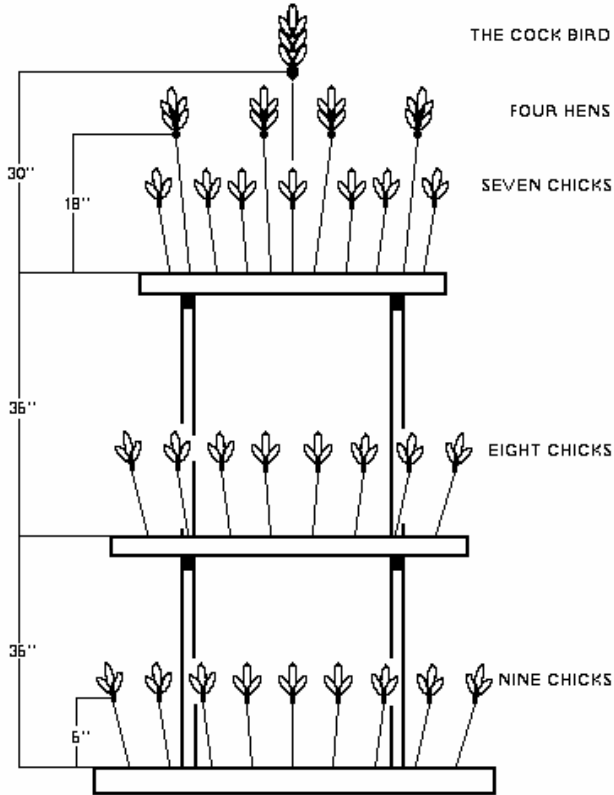
OTHER FORMS OF ARCHERY

A. – Popinjay Shooting

1000. Set-up for Popinjay

- (a) The full complement of a Popinjay 'roost' shall consist of:
- (i) One Cock Bird
 - (ii) Four Hens
 - (iii) Minimum of twenty four Chicks

Typical Popinjay 'roost' showing minimum complement.



- (b) Body size of all birds shall be $1\frac{1}{2}$ " long and $\frac{3}{4}$ " in diameter—only the plumage shall differ:
- (i) That of the Cock Bird being most resplendent and 10 - 12" high.
 - (ii) That of the Hen Birds being shorter 6 - 8" high and less colourful.
 - (iii) That of the Chicks being shortest 3 - 4" high.
- (c) (i) The Chicks shall be perched on spikes 6" long, not less than 4" apart, in three rows, the vertical height between rows being not less than 3 feet.
- (ii) The Hen Birds shall be perched on spikes 18" above the top row and shall be

spaced not less than 8" apart.

- (iii) The Cock Bird shall be perched on a central spike not less than 30" above the top row.
- (d) The perches may be attached to, or hauled up a mast or wall to a height of 90 feet (measured to the Cock Bird). Arrangements must be made to ensure, that when in position the perches are firmly held against movement by wind.
- (e) All obstructions on and within the framework of perches must be softened with rubber or sponge rubber (or similar resilient material) to lessen the risk of arrow breakage.
- (f) No hard and fast shooting position is dictated, although it should be pointed out to all competitors that a near vertical, close to mast attitude will offer a better target to the archer, inasmuch as a greater number of birds will be in line of the arrow flight path.
- (g) Each and every part of the Popinjay Mast and Framework of Perches must be made to be safe from breakage and/or dislodgment by arrow or the elements.
- (h) Whenever possible shelter should be provided for competitors. A temporary structure approx 7'6" high covered on top with ½" wire mesh is sufficient for this purpose. If no shelter is available competitors waiting to shoot must be made to wait outside the arrow fall-out area.

1001. Arrows Only arrows with blunts ¾" to 1" in diameter shall be used.

1002. Shooting

- (a) Archers will draw for order of shooting.
- (b) Only one archer shall shoot at a time.
- (c) Archers must shoot in rotation — only one arrow being shot per end.
- (d) Disabled archers may shoot with the aid of a prop.

1003. Mast Captain A Mast Captain shall be appointed to ensure that shooting is conducted in a safe and proper manner. This person shall have the authority to terminate shooting, for instance in the event of inclement weather or technical breakdown of the mast apparatus, and shall have authority to dismiss any competitor shooting dangerously or considered to be incapable of shooting safely. Assistants to the Mast Captain may be found necessary.

1004. Scoring

- (a) The scoring points for hits are:

Cock Bird —	5 points
Hen Bird —	3 points
Chick —	1 point
- (b) Birds must be struck with the arrow and be dislodged and fall to the ground to score.

1005. Round Results may be determined by time limit or by a declared number of arrows.

1006. Regulations for Tournaments Popinjay Tournament Schedules shall bear the following information:

- (a) Whether competition is determined by time limit or by number of arrows shot per person.
- (b) Maximum number of archers that will be accepted.

Note: The GNAS Insurance Scheme does not cover for risks attendant on the erection and dismantling of Popinjay Masts.

B. – Archery Golf

1020. Regulations

- (a) Only one bow shall be used throughout a round. In case of breakage it may be replaced.
- (b) Any arrows may be used.

- (c) The archer shall 'hole out' by hitting a white cardboard disc 4" in diameter, placed on the ground at least one yard within the edge of the green level with the hole.
- (d) An arrow landing off the fairway or in a bunker shall incur one extra stroke.
- (e) The archer must stand immediately behind where his arrow lands to shoot the next arrow.
- (f) A lost arrow incurs the normal penalty (as in golf) for stroke play but loses the hole in match play.
- (g) The winner of the previous 'hole' takes the first shot for the next hole.
- (h) The current Golf Rules and local Course Regulations shall apply in all cases not covered by the foregoing rules.

C. – Archery Darts

1040 Regulations The Rules of Shooting for Target Archery shall apply with the addition of the following specific rules for archery darts.

1041. Target Faces Archery Darts Faces 76.2cm (2' 6") in diameter shall be used.

1042. Distance The minimum shooting distance shall be 13.7m (15 yds).

1043. General Rules

- (a) The Targets shall be set up so that the centre of the Bull is at the centre of a 122 cm minimum diameter boss 130cm from the ground.
- (b) An End shall consist of three arrows unless a game is finished in less.
- (c) The order of starting shall be determined by the toss of a coin.
- (d) Each match must start and finish on a Double (the narrow outer ring). The inner ring counts treble; the inner Bull counts 50; and the outer Bull 25.
- (e) A practice end of three arrows must be shot at the Bull.
- (f) The value of an arrow shall be determined by the position of the greater part of the shaft.
- (g) Scoring shall be by the subtraction method, so that the score required for the completion of each game is always shown.
- (h) If the score required to complete the game is exceeded in the course of an End, then that End ceases, and no account is taken of the score obtained during that End.
- (j) Local variations to these General Rules for archery darts may be used.

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PART 11

APPROVED POLICY ON RULES OF SHOOTING THAT CONCERN DISABLED ARCHERS

1100. Policy A disabled archer who is unable to comply with any Rule of Shooting as a result of his disability will be allowed dispensation from the rule according to the following conditions:

- (a) For automatic dispensation, the disability must be seen to make compliance with the rule impossible.
- (b) In cases where the disability is not obvious, written dispensation must be obtained. Applications for such dispensation, together with supporting medical evidence, to be made to the GNAS office for forwarding to the Target sub-Committee/ GNAS Medical Advisor for approval. All medical documentation will be treated as confidential.
- (c) Any variation from the rule must not give an advantage to the disabled archer over other archers.
- (d) Any variation from the rule must not compromise the safety of others or of the disabled archer.
- (e) Any variation from the rule must not cause inconvenience or interfere in any way with other archers.

1101. Insurance Insurance cover will not be invalidated in the case of a disabled archer shooting who is unable to comply with the GNAS or FITA Rules of Shooting, PROVIDING the person in charge of the shooting is satisfied that safety is not being compromised.

1102. Other In case of doubt of a variation to the rules being allowable, the Chairman of Target sub-Committee should be consulted. All written communication should be addressed to the GNAS office marked for the Attention of the Chairman of Target sub-Committee.

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PART 12

RULES OF SHOOTING FOR VISUALLY IMPAIRED ARCHERS

1200. Introduction

- (a) *These rules have been prepared in consultation with British Blind Sport to enable Visually Impaired (VI) archers to shoot in full accordance with the GNAS Rules of Shooting, and to take a more active part in the sport during practice, at club target days, competitions and tournaments.*
- (b) *These rules are aimed at integrating VI archers into the sport.*
- (c) *A VI Archer shall be defined as follows:*
 - (i) *The archer must be registered or registerable as blind or partially sighted (medical form BD8)*
 - (ii) *The archer must hold a recognised sight classification certificate. The classification will be done with best visual correction according to the most functional eye, without considering whether the archer is left or right handed.*
 - (iii) *There are more specific sight category divisions within disability events, which can be obtained on request from the GNAS Disabled sub-Committee or BBS.*

1201. Rules of Shooting – General

- (a) *The GNAS Rules of Shooting for Target Archery shall apply to VI archers except as enumerated in the following paragraphs.*

1202. Shooting

- (a) *Except when the Burntwood metric round equivalent is being shot (Rule 1205) a VI archer may shoot a complete end (six arrows where appropriate) before returning from the shooting line. At a competition this allowance shall be at the discretion of the tournament organiser, after consultation with the Judge.*
- (b) *When possible, VI archers shall be permitted to shoot an end of sighting arrows at each change of distance (except when the Burntwood Round equivalent is being shot Rule 1205).*
- (c) *When VI archers shoot in one detail, a VI archer may be permitted to utilise the time allowed for sighting arrows, by shooting more sighting arrows, but must not hold up the shooting line.*
- (d) *A VI archer shall be permitted to have a person acting as a spotter who shall be allowed to stand between the waiting and the shooting lines. The spotter may only give their VI archers at the shooting line information as to the fall of each arrow (including a "bouncer") and any necessary safety warnings, but no other advice. A spotter shall pass information to the archer in such a manner as to avoid disturbance to other archers on the shooting line.*
- (e) *Assistance in adjusting any sighting device may be given to a VI archer by a third party only during sighting ends and between shooting ends.*
- (f) *A spotter may be nominated as an assistant as provided in Rule 306(r) who shall at all times be under the control and discipline of the Judge.*
- (g) *A VI archer shall only approach the target when accompanied by his/her spotter or with the express consent of the Judge. (Safety issue)*
- (h) *In the case of additional physical impairments, a wheelchair, perching stool or standard chair is allowed.*

1203. Handicap and Classification Schemes

- (a) *Any handicap or classification scheme in use by visually impaired archers shall, in general, conform to the procedures laid down for sighted archers*

- (b) If a visually impaired archer from time to time uses more than one type of sighting aid, a separate handicap/classification record sheet must be maintained for each sighting aid. When taking part in any handicap/classification competition the archer must use only the handicap/classification obtained with the type of sighting aid used in that competition.
- (c) For National Records on VI archery, the BBS records officer should be contacted and shall be responsible for the maintenance and administration of these records.

1204. Equipment

- (a) Equipment used by a VI archer must generally conform to the specification given in Part 2. In addition, a VI archer may use a tactile sighting device and foot location device provided that they satisfy the conditions laid down in the following sub-paragraphs.
- (b) A tactile sighting device must not act as a support to the bow, bow hand or arm (unless required by the archer's physical disability).
- (c) A tactile sighting device must be capable of being adjusted by the archer without moving from the shooting line.
- (d) The tactile sighting device may touch upon any part of the bow hand or arm but no part of it shall be further from the archer's body than the bow hand when the bow is fully drawn.
- (e) Where the tactile sighting device works in conjunction with a long-rod stabilizer, then Rule 202(f)(ii) shall not apply, provided that no part of the device shall be more than six inches (15cm) forward of the archer's bow hand when the bow is fully drawn and the supporting equipment to which that device is attached stands on the ground on the opposite side of the bow to the arrow rest. In addition the device must be fitted with a bar so as to prevent the bow being lowered by more than three inches (7.5cm) at the time of release of an arrow.

Note: The purpose of this rule is to prevent an arrow release from inadvertently striking any part of the sighting device. If the dimensions of a bow are such that the distance between the stabilizer and the arrow rest is less than 4 inches (10cm) as measured in the vertical plane, then the bar referred to above must be so positioned that the bow cannot be lowered by more than one inch (2.5cm) less than the distance between stabilizer and arrow rest.

- (f) The sighting device stand/foot location device must not represent an obstacle to other competitors.
- (g) The total length of the foot location device shall be no more than 110cm (43 inches)
- (h) The total width of the tripod/foot location device shall be no more than 75cm (29.5 inches)
- (j) The maximum depth of the foot location device shall be no more than 3cm (1.25 inches)
- (k) *Generally, tactile sighting devices may only be used by VI archers who cannot use a bow sight or adapted bow sight. Exceptionally, where an archer who is registered blind wishes to shoot for an IPC performance score, a tactile aid may be used but the archer is to wear a blindfold which must be in place whilst the archer is in front of the waiting line.*
- (l) A bow sight may be adapted to suit the residual vision of the archer and thus in this case Rule 202(e) (i) shall not apply.
- (m) A bow sight may incorporate prisms, lens or other magnification device, enlarged sight ring/pin, and may provide for more than one sighting point. These adaptations may be made to all bow types used by a recognised VI archer (as defined in rules 1200(c) (d) and (e)).
- (n) Equipment may include electronic sighting devices (otherwise prohibited by Part 2) utilising electro-magnetic radiations outside the visible wavelengths providing that they do not interfere with other archers on the shooting line or at the target. Such devices may be attached to the bow but not in the scoring area. Any signal generated must be unique to the individual and not distract other competitors.

1205. Rounds The following table, showing face sizes, distance and the number of dozens of arrows, defines rounds akin to the York/Hereford and FITA rounds that may be suitable.

GNAS Special Rounds – Number of dozens				
5 Zone Scoring				
Face Size		60cm	80cm	122cm
Distance		30m	30m	30m
Burntwood York/Hereford		6	4	2
10 Zone Scoring				
Face Size	40cm	60cm	80cm	122cm
Distance	30m	30m	30m	30m
Burntwood FITA	3	3	3	3

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APPENDIX A

APPROVED SCORING SYSTEMS

1. The approved scoring systems are given below. However, none of these systems absolve all the archers, and in particular the Target Captain, from their responsibilities to ensure that all score recording is done correctly.

PART 1

2. At Record Status tournaments one of the following scoring systems must be used:
- (a) Non-competing scorers to record scores.
 - (b) Double score boards whereby two archers on the target record all the scores and if there is a discrepancy between the two boards the lower score is adopted.
 - (c) Separate score boards for each archer exchanged between the archers so that no archer is recording their own score.
 - (d) Single score board passed round by the archers so that each archer records one other archers score who then has the chance to check the correct recording of their own score before recording the next archers score (The Redruth system.).

PART 2.

3. At non-Record Status tournaments and club target days, the scoring systems shown at Part 1 are recommended. In addition, the following scoring system is permitted:
- (a) Archers will identify and call the score of their own arrows with the Target Lieutenant confirming the archers' accuracy. The Target Captain will record the scores and will confirm the accuracy of the Lieutenant's call of his arrow values, and the Lieutenant will record the Captain's score and confirm the accuracy of his call of the arrow value.

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APPENDIX B

MINIMUM STANDARD FOR JUDGE IN CHARGE

1. In order to preserve the integrity of tournaments and the performances achieved, the minimum standard for the judge in charge of a tournament shall normally be as follows:

<u>Tournament Type</u>	<u>Minimum Standard of Judge</u>
(i) National Tournaments	National Judge
(ii) World Record/FITA Award Status Tournaments	National Judge
(iii) Regional Tournaments	Regional Judge
(iv) Other National Record Status Tournaments	Regional Judge
(v) Non-Record Status County Tournaments	County Judge
(vi) Non-Record Status Club Tournaments	County Judge or Field Captain
(vii) Club Target Days	Field Captain

2. Judges in charge of target archery and field archery events must be qualified in the required discipline. Judges for flight and clout should have experience of the discipline.

3. Exceptionally, dispensation may be sought from the GNAS Judges sub-Committee where there is difficulty in obtaining the relevant qualified Judge.

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To maintain continuity with previous editions of these Rules, this index contains references to the separate publication Shooting Administrative Procedures

Abbreviations app = appendix
p = paragraph
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