

THE ARCHERY GLOSSARY

15-ARROW MATCH Standard format for an individual **match** using a **compound bow**. The athlete with the highest **cumulative score** after 15 **arrows** wins.

16-ARROW MATCH Standard format for a **mixed team match** using a **compound bow**. The mixed team with the highest **cumulative score** after 16 **arrows** wins.

24-ARROW MATCH Standard format for a **team match** using a **compound bow**. Team with the highest **cumulative score** after 24 **arrows** wins.

50-METRE ROUND Standard format for the **ranking round** with the **compound bow**. Athletes shoot 72 **arrows** at 50 metres on an 80cm **target face**.

70-METRE ROUND Standard format for the **ranking round** with the **recurve bow**. Athletes shoot 72 **arrows** at 70 metres on an 122cm **target face**.

AIM The process of pointing a drawn **bow** towards the **target**.

ALIGNMENT The relationship between the position of the **bow**, **sight**, **anchor point** and **archer's eye**.

ANCHOR POINT A consistent location on the **archer's face** to where the **string hand** comes at full draw.

ARCHER A person who shoots a **bow**.

ARCHERY Shooting with a **bow** and **arrow** at a **target** for sport.

ARCHERY WORLD CUP The annual international **archery** tour, consisting of at least three legs and a final, that was launched in 2006.

ARMGUARD An accessory that protects the arm from the string when an arrow is released. Made of plastic (or leather) and worn on the inside of the forearm.

ARROW Projectile that a bow shoots. Consists of several parts: **point**, **shaft**, **fletching** and **nock**.

ARROW FLIGHT The path of the **arrow** from the **bow** to the **target**.

ARROW REST The contact point of the **arrow** to the **bow**.

BAREBOW A **bow** consisting of **recurve**

bow, **bowstring** and **arrow rest**, **shot** using the fingers. No **sight** or **stabiliser** is permitted.

BOW A piece of curved sporting equipment, joined at both ends by a **bowstring**, used to shoot an **arrow**.

BOW ARM The arm, attached to the **bow hand**, that supports the **bow**.

BOW HAND The hand holding the **bow**.

BOWSTRING A string, usually made of synthetic materials, that attaches to both ends of the **bow**, which is drawn by the **archer** and imparts energy to the **arrow** upon **release**.

BRACKET Knock-out system of **matches**, where the winner advances and the loser is out of the competition.

BUBBLE A device attached to the **sight** of a **compound bow** that helps maintain a consistent vertical position.

CAM An elliptical-shaped component of a **compound bow**, over which the **bowstring** runs, decreasing the amount of **draw weight** required to hold the **bow** at **full draw**.

CAM STOP A mechanical point in the **draw** of a **compound bow** that stops the **bow** being drawn any further.

CHESTGUARD An accessory that covers the side of the **archer's chest** closest to the **bow**, keeping clothes out of the path of the **bowstring**.

CLASSIFICATION A sport class assigned to **para archery** by a **classifier** athletes to ensure fair competition.

CLASSIFIER A person who assesses the impairment of a **para archery** athlete and assigns them a **classification**.

CLICKER A drawlength-check device used on a **recurve bow** that gives an audible indication when the **arrow** has reached the desired **draw length**. Ensures the **archer** imparts the same energy to the **arrow** with each **shot**.

COMPOUND BOW A **bow** that uses a **cam** system, through which the **bowstring** and **cables** run, to increase the efficiency of energy imparted to the arrow when the **bow** is **shot**. The use of a magnifying **sight** and

release aid is permitted. Not used in the Olympics, but used in the Paralympics.

COURSE The **range** on which a **field archery** is **round** is **shot**.

CUMULATIVE SCORE Adding together the value of a number of **arrows** to find a total.

DIRECTOR OF SHOOTING The technical official responsible for competition timing.

D-LOOP A "D"-shaped piece of string that is tied to the **bowstring** of a **compound bow** around the **nocking point**, to which a **release aid** attaches.

DRAW The act of pulling back the **bowstring**.

DRAW FINGERS The fingers that hold the **bowstring**. (Or hold the **release aid**, in the case of a **compound bow**.)

DRAW HAND The hand that pulls the **bowstring**.

DRAW LENGTH The distance between the **arrow rest** to the back of the **arrow** at **full draw**.

DRAW WEIGHT The peak force required to draw the **bow** to **full draw** (usually measured in pounds).

END A group of **arrows**, usually three or six, **shot** in one sequence.

EQUIPMENT INSPECTION The process of checking that an athlete's equipment falls within the rules.

FIELD ARCHERY A type of **archery** done outdoors around a **course**, similar to golf, with **targets** of varying sizes and distances.

FINGER SLING A string attached to the **draw fingers**, around the **bow**, preventing it from falling to the ground. Some slings are also attached to the **bow**.

FINGER TAB An accessory worn on the **draw hand** of an **archer** using a **recurve bow** that has a flat piece of leather to protect the **string fingers**.

FLETCHING The real or artificial feathers that stabilise the back of an **arrow**.

FULL DRAW The end of the **draw**, when an **archer** is at **anchor point**.

GOLD The first (central) colour on the standard **target face**, scoring 9 and 10.

GRIP The wooden or plastic part, in the centre of the **riser**, that an **archer** holds.

GROUP The pattern of an **archer's** **arrows** in the **target**.

INDOOR ARCHERY A type of **archery** done indoors, usually over 18 metres.

JUDGE The technical official responsible for the application of the rules and to establish a score value in case of doubt.

KISSER An optional button attached to the **bowstring** that an **archer** touches to a spot on the face (usually the lips) for a consistent vertical reference.

LEFT-HANDED ARCHER Holds **bow** in the right hand, draws with the left.

LIMBS The parts of a **bow** that bend to propel an **arrow** on **release**.

LONGBOW A **bow** popular in England in the middle ages, up to two metres long and made of yew.

MATCH A head-to-head contest between two **archery** opponents.

MIXED TEAM A mixed team consists of two athletes, one male and one female, shooting the same style of **bow**.

NOCK The component at the back of an **arrow** that clips onto the **bowstring**.

NOCKING POINT Two raised buttons on the **bowstring** between which the **arrow** is clipped, keeping it in place.

OPEN A **classification** in **para archery**, usually assigned to an athlete with an impairment in either the top or bottom of their body.

PARA ARCHERY The Paralympic discipline of **archery** for athletes with a **classification**.

PEEPSIGHT A circular plastic or metal device attached to the string of **compound bow**, through which the **archer** looks at his **sight** to **aim**.

PLUNGER BUTTON A sprung plastic cushion on which the side of the **arrow** rests on a **recurve bow**. It helps the arrow fly straight.

POINT The metal tip at the front of the **arrow** that pierces the **target**.

POSTURE The relationship between an **archer's** lower and upper body, head and arms, and target, during the **shot**.

QUALIFICATION See **ranking round**.

QUIVER A container for **arrows** worn around the waist.

RANGE An area for doing **archery**.

RANKING ROUND A round using

cumulative score that is used to seed athletes for a **bracket**. The highest scorer receives seed one, second seed two, and so on...

RECURVE BOW A **bow** that consists of a **riser** and two **limbs** that curve back away from the **archer**, linked by a **bowstring** that is drawn with the fingers. The use of **stabilisers**, and a **clicker** is permitted – but the use of a magnifying **sight** and **release aid** is not permitted. Used in the Olympics and Paralympics.

REFERENCE POINT See **anchor point**.

RELEASE The act of letting go of the **bowstring** at **full draw**.

RELEASE AID A mechanical hand-held device used with the **compound bow** that is used to draw and release the **bowstring**, attaching via a **D-Loop**, minimising inconsistencies.

RIGHT-HANDED ARCHER Holds **bow** in the left hand, draws with the right.

RISER The rigid centre section of a **bow** into which the **limbs** attach.

ROUND A standard number of **ends shot** at designated distance(s) to obtain a **score** or a phase of matchplay.

SCORE The value of an **arrow**, or combination of arrows, in the **target**.

SERVING String wrapped around ends and centre of a **bowstring** to protect it from wear.

SET A series of **arrows** in the **set system**. Three in individual competition, four in mixed team and six in team.

SET POINTS Awarded on the score of a **set**. The highest scorer in the set receives two set points. Each receives one if the scores are equal.

SET SYSTEM Used to decide the result of **matches** using the **recurve bow**. Athletes shoot a series of **sets**, comparing scores within each set and receiving **set points**. Six set points wins an individual **match**, five wins a **mixed team** or **team** match.

SHAFT The main body of the **arrow**, made of carbon/aluminium.

SHOT, SHOOT, SHOOTING To **draw** and **release** a **bow**.

SHOOTING LINE A position parallel to the **target** from which **archers** **shoot**.

SHOOT-OFF A **match** tie-break procedure in which each **archer** – or archer within the team – shoots a single **arrow**. The closest arrow to the centre of the **target** wins the match.

SIGHT A device mounted on the **bow** with which an **archer** **aims**. It has a block that is moveable up-and-down and left-to-right. An archer using a **compound bow** may have a magnifying lens and **bubble**, but an archer using a **recurve bow** may have neither.

SIGHT PIN The part of the **sight** that an **archer** locates on the **target** during **aim**.

SPIDER A colloquial term for the **X**.

STABILISER A rod and weight system mounted to the **bow** to balance it during **aim** and absorb vibration on **release**.

TARGET The object an **archer** **aims** at. **Archery targets** have 10 concentric rings, scoring one to 10 points, coloured in twos from the centre: **gold, red, blue, black** and **white**. An **archer** using a **recurve bow** shoots at a 122cm target, with a 10-ring measuring 12.2cm across. An archer using a **compound bow** shoots at an 80cm target, with a 10-ring measuring 8cm across, with the outer four scoring rings removed.

TARGET ARCHERY The most common type of **archery**, done over fixed distances on a range.

TARGET FACE The paper sheet, printed with the scoring zones, mounted on the **target** **boss**.

TARGET BOSS The foam mat that catches the **arrow**, held on a stand, onto which the **target face** is mounted.

TEAM **Target archery** teams consist of three athletes of the same gender shooting the same style of **bow**.

TECHNIQUE An **archer's** **shooting** style.

TOXOPHILY From Latin, meaning “of or relating to **archery**”

TUNING An adjustment to the **bow** or **arrow** to improve **arrow flight** and consistency.

VANE See **fletching**.

WAITING LINE A line parallel to the **shooting line** that an **archer**, waiting to **shoot**, may not cross until given the signal to do so.

W1 A **classification** in **para archery**, usually assigned to an athlete with an impairment in the top and bottom of their body. W1 athletes may use a **recurve bow** or a **compound bow**, limited to 45 pounds. They may not use a magnified **sight** but may use a **release aid**.

WORLD ARCHERY The international federation for the sport of **archery**. Formed in 1931 and headquartered in Lausanne, Switzerland.

X The very centre of the **target**.