

2010



TECHNICAL PACKAGE

BIATHLON - SKI

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2010 ARCTIC WINTER GAMES

1. RULES:

The International Biathlon Union (IBU) Event and Competition Rules in force during the Arctic Winter Games will apply fully for all aspects of the event, except as modified by the Arctic Winter Games International Committee. Where no specific rule exists for a situation, the principle or the intent of the IBU Rules will be used to determine the resolution of the situation.

2. CATEGORIES:

Junior Male Born in 1992, 1993 or 1994
Junior Female Born in 1992, 1993 or 1994
Juvenile Male Born in 1995 or later
Juvenile Female Born in 1995 or later

3. EVENTS AND SCHEDULE:

Individual Competitions for all Categories

Competition Class	Individual	Sprint	Mass Start or Pursuit*	Pursuit
Junior Male	7.5 km PSPS	6.0 km PS	7.5 km PPSS	7.5 km PPSS
Junior Female	7.5 Km PSPS	6.0 km PS	7.5 km PPSS	7.5 km PPSS
Juvenile Male	5.0 km PPP	4.0 km PP	5.0 km PPP	5.0 km PPP
Juvenile Female	5.0 km PPP	4.0 km PP	5.0 km PPP	5.0 km PPP

*The Race Jury, in consultation with Unit Coaches, will determine which event (Mass Start or Pursuit) will be held.

Relay Competitions

Mixed Junior Male/Female Competition 3 X 4.5 km PS
Mixed Juvenile Male/Female Competition 3 X 3.0 km PS

Official Teams must be made up of three competitors from the same contingent, two of one gender and one of the other. Medals are awarded by team i.e. to the entire Junior or Juvenile team from the contingent will receive the medal (4 medals). If the Host society allows unofficial teams can be formed by joining contingents, these teams will not be entitled to a medal. Juvenile athletes may move up to compete in the Junior relay but if they do so they cannot compete in the Juvenile relay.

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Schedule – The schedule for Ski Biathlon shall be:

Monday:	Individual Events
Tuesday:	Sprint Events
Wednesday:	Rest Day
Thursday:	Mass Start or Pursuit Events
Friday:	Relays

4. TEAM COMPOSITION:

Each Games Unit may enter a team comprised of a maximum of eight (8) participants plus two coaches as follows:

Junior Male	-	2
Junior Female	-	2
Juvenile Male	-	2
Juvenile Female	-	2
Coaches	-	2

One coach must be female and one male. If a coach from one gender is not available a chaperon must be substituted.

NOTE: Athletes who have competed in a World Youth Championship in ski biathlon within two years of the Games are ineligible to compete in the Arctic Winter Games. See other eligibility rules in the Staging Manual.

5. MEDALS

Individually by event and individually by team for relay

Gold	-	24
Silver	-	24
Bronze	-	24

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6. ARCTIC WINTER GAMES RULES MODIFICATIONS

1. Shooting Positions, Carrying and Range Procedures

Shooting Positions

- a. Juvenile competitors shoot in the prone position only.
- b. Junior competitors shoot in the prone or standing position according to the sequences for each event.

Rifle Carrying

- a. Juvenile competitors shall have their rifles placed on and removed from the firing line (mats) by their coaches or range officials.
- b. Junior competitors will carry their rifles only on the range and securely positioned on their back with the proper biathlon harness.

Range Procedure – Junior Category

- a. The competitor's bib number shall be placed on his/her rifle and on the entrance rack. There is no need to number the exit rack.
- b. Slots for rifles on the exit and entrance rifle racks should be spaced at least 38 centimeters (15 inches) apart to accommodate rapid removal.
- c. The rifles corresponding to the bib number are to be picked up from the numbered racks at the entrance to the range and dropped off at the rack at the exit from the range. A mat will be placed at the rack to ensure a safe and stable location for the athlete to make the transition.
- d. The competitor must come to a full stop before either picking up the rifle at the entrance rack or dropping it off at the exit rack.
- e. The magazines are to be removed from the action of the rifle and placed in their storage slits on the rifle or on the mat.
- f. Bolts must be open and magazines in their storage slots (if provided) while the rifle is on the rack or on the athletes back. Athletes must clear the action before leaving the firing line. Bolts must be open and magazines out when rifles are on the rack.
- g. All other IBU rules and safety protocols will apply and be strictly enforced with respect to the rifle handling and range procedures.

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2. Penalty Loop

- a. Penalty loops apply to the sprint, mass start and relay competitions only.
 - b. The penalty loop distance for all events shall be 100 meters.
 - c. One penalty loop shall be skied for each target missed.
 - d. The required number of penalty loops shall be skied immediately after each round of shooting.
 - e. A two-minute penalty shall be added to a competitor's time for each penalty loop not skied.
 - f. Competitors are responsible for ensuring that they complete the correct number of penalty loops.
2. Individual Event Penalties - The time penalty for individual events will be 40 seconds for each target missed.

3. Rifles and Ammunition

IBU rules shall be followed with the following clarifications:

- a. Only .22 calibre rifles are allowed.
 - b. Magnification, telescopic or corrective sights are not allowed.
 - c. Semi automatic or automatic actions are not allowed.
 - d. The maximum capacity of ammunition magazines shall be five (5) rounds.
 - e. The maximum number of rounds allowed in a rifle at any time is five (5).
 - f. Lever or bolt-action rifles are allowed.
 - g. High velocity or similar ammunition is not allowed.
 - h. The maximum muzzle velocity of ammunition is 380 meters per second
4. Targets

IBU rules shall be followed with the following clarifications:

- a. The five (5) bull metal target is the preferred target for competition.
- b. The distance shot is 50 meters.
- c. The size of the aligning sight picture is 115 millimetres.
- d. The scoring size of paper and metal targets is:
 - i. Prone – 45 millimetres
 - ii. Standing – 115 millimetres

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5. Equipment Check and Marking

Competitors must report to the equipment checkpoint at the designated time announced by the competition committee prior to the start of each race for the purpose of checking rifles and other equipment for compliance with the rules.

The rifles and other equipment shall be checked for compliance with the rules and marked as such under the supervision of the chief of competition. A spare rifle and other equipment can also be checked and marked using the same procedures if requested by a competitor or his/her coach. Spare rifles and equipment may only be used if the original equipment malfunctions during the course of an event.

All rifles and equipment must also be checked after each race under supervision of the chief of competition for compliance with the rules.

The competitor's coach may provide the replacement equipment to the athlete during the course of the race provided they do not interfere with the progress of any other athlete. If an equipment change is required while the athlete is on the range, this must be completed through a range official.