



2019-2020 National Competition Rules

2019/2020

Final: October 2019

Table of Contents

THE RULES OF SKI RACING	2
SOURCES OF RULES	3
NATIONAL AMENDMENTS: ICR SECTION 1- 200 SERIES ~ JOINT REGULATIONS FOR ALL COMPETITIONS	4
NATIONAL COMPETITION LEVELS	9
1.1 NON POINTS RACES	9
1.2 NATIONAL POINTS RACES	10
2 NATIONAL POINT RULES	11
2.1 NATIONAL POINTS LIST - MEMBERSHIP RENEWAL.....	11
2.2 RULES FOR ACA NATIONAL POINT RACES.....	11
2.3 PENALTY CALCULATIONS:.....	12
2.4 FURTHER ACA RACE POINT INFORMATION.....	12
2.5 NUMBER OF RACE STARTS.....	12
3 NATIONAL CERTIFICATION OF OFFICIALS	12
3.1 REQUIREMENT FOR OFFICIALS CERTIFICATION	12
3.2 NATIONAL OFFICIALS PROGRAM CERTIFICATION	13
3.3 MAINTAINENCE OF CURRENT LEVEL OF CERTIFICATION	13
4 NATIONAL QUALIFICATIONS FOR JURY MEMBERS AND OTHER OFFICIALS	14
4.1 CERTIFICATION OF RACE OFFICIALS FOR FIS EVENTS	14
4.2 CERTIFICATION OF RACE OFFICIALS FOR NON-FIS SPEED EVENTS.....	14
4.3 CERTIFICATION OF RACE OFFICIALS FOR NON-FIS TECHNICAL EVENTS.....	14
4.4 U10, U12 AND OTHER NON-POINT RACES	15
4.5 MASTERS SERIES RACES.....	15
4.6 APPOINTMENT OF TECHNICAL DELEGATES	15
4.7 APPOINTMENT OF FORERUNNERS	15
5. TYPES OF RACES	15
5.1 SEEDING NATIONAL POINT RACES.....	16
5.2 NATIONAL TECHNICAL SPECIFICATIONS FOR RACE COURSES.....	17
6. THE RACE COURSE COMPONENTS	19
7. NATIONAL TIMING RULES	19
7.1 TIMING EQUIPMENT.....	19
7.2 ELECTRIC TIMING	20
7.3 HAND TIMING.....	20
7.4 NATIONAL TIMING REPORT	20
REFERENCES	20

THE RULES OF SKI RACING

The International Ski Federation / Fédération Internationale de Ski (FIS) is the world governing body for alpine ski competition and various other snowsports.

The Canadian Snowsports Association (CSA) www.canadiansnowsports.com holds membership in the International Ski Federation (FIS) as the umbrella body representing each of its member disciplines including Alpine Canada Alpin (ACA). The CSA represents its member disciplines within the Federation Internationale de Ski (FIS); Canadian Olympic Association (COA); Winter Sport Institute (WinSport); Fondation Ski Canada Foundation; and the Canadian Ski Council (CSC) as well as numerous other agencies involved in the Canadian snow sport system with respect to the National Ski Federations in over 105 countries.

The purpose of the CSA is to work with its members according to the following principles:

- 1) Manage Canada's membership within the FIS.
- 2) Represent the CSA membership with those affiliations identified by the Board.
- 3) Serve as the collective voice for members and Canadian competitive snow sports.
- 4) Deliver optional services that benefit the majority of the membership.
- 5) Provide advice, assistance and optional operational services to members as requested and as is feasible and cost effective.
- 6) Manage Sport Accident, Liability, Directors & Officers and other insurance programs.

Alpine competitions are run according to the FIS International Competition Regulations published in the ICR Book IV, annual rule updates known as Precisions and specific rule documents e.g., FIS Specifications for Alpine Competition Equipment and the FIS Timing-Booklet Alpine Skiing. The rules, approved by the FIS Council, are based on recommendations from FIS committees and National Ski Associations as well as from decisions made by FIS Congress delegates.

In Canada, all alpine competitions are run under the rules as set forth in the current ICR, Precisions and specific FIS rule books except where modified and approved by ACA. Because the ICR and FIS rule documents are primarily written for FIS races where the rules must be implicitly followed, it is necessary for legal and practical reasons that certain modifications and/or additions appropriate to the specific non-FIS levels of competition be made.

The ACA National Competition Rules Book (NCR book) is based on National rules and recommendations from Alpine Canada Alpin, who are the CSA's governing body for alpine ski racing and the National Officials Committee.

ACA National race rules as noted in this book also include ACA Point Rules and National Timing Rules that apply to ACA sanctioned non-FIS race events.

It must be noted that there are provincial rules applicable to racing within that province. Please ensure that you are aware of these rules prior to racing. The host provincial organization can provide these specifics to all required parties.

Sources of Rules

FIS www.fis-ski.com

1. The International Ski Competition Rules (ICR).
2. The 'Rules for the FIS Points
3. The "Precision's"
4. FIS Timing Booklet
5. Specifications For Competition Equipment and Commercial Markings
6. FIS Medical Rules and Guideline
7. The Memento for the Technical Delegate issued by the FIS

National www.alpinecanada.org

1. ACA National Ski Competition Rules augmented by in-season "National Rules and Policies"
2. ACA Point Rules
3. National Timing Rules

Provincial Territorial Sport Organization (PTSO)

Each Provincial Territorial Sports Organization (PTSO) for alpine may also publish rules for competitions held under its jurisdiction / sanction provided such 'regional rules' do not go beyond the limits laid down in the present FIS and National rules and that they do not increase risk to the participants.

Local Race Rules

Local rules are published in the material distributed for individual race events. These rules must not go beyond the limits laid down in the present FIS, National and Provincial rules. Local rules govern such matters as the local ski area rules and regulations, restrictions for lift access, deposits required for racing bibs and other issues related to a specific event.

Except where specifically amended or changed by the rules set out in this document and/or in-season "National Rules and Policies", all Alpine Competitions sanctioned by Alpine Canada Alpin must be organized in accordance with the current FIS Alpine ICR ~ Section 1 – 200 rules, Section 2 – 600 rules and Section 3 – 700, 800, 900, 1000, 1100, 1210, 1220, 1240 rules, and current Precisions. National calendared competitions with different grounds of qualification may not go beyond the limits laid down in the present FIS.

National Amendments: ICR Section 1- 200 series ~ Joint Regulations for all Competitions

Amendments for National calendared events apply using FIS ICR reference numbers:

200 Regulations for Competitions

200.1 All events in the ACA calendar must be held under the applicable National rules.

200.3 Participation

Competitions listed in the National calendar are open only to all properly registered and licensed competitors entered by their National Ski Association, ACA, PTSO and alpine clubs in accordance with current quotas.

Prior to calendaring/registration of competitions, events and activities with ACA it is necessary to ensure coverage under the Canada Snowsports Association liability insurance program. Contact ACA for complete details of the insurance program requirements. SQA sanctioned activities and events are not covered under the CSA Commercial General Liability Policy. Quebec registered members should contact SQA for complete details of insurance coverage there.

200.4 Special Regulations

Alpine Canada Alpin may adopt rules and regulations to organize National and Provincial Territorial Sport Organization competitions with different grounds for qualification, but only provided they do not go beyond the limits laid down by the present rules.

200.6 Every legal sanction imposed and published in respect of a competitor, official or trainer will be recognized by ACA and the Provincial Territorial Sport Organizations respectively.

201 Classification and Types of Competitions

201.5 National Events

An event is a competition in a sport or in one of its disciplines. Participation in the competition results in a ranking and gives rise to the award of medals. ACA has the following level of events classified with 'national competitions'

- National
- Recreational
- Entry Level
- Masters

201.6.2 Alpine Events

Downhill, Slalom, Giant Slalom, Super-G, Kinder Kombi, Parallel Competitions, Ski-cross.

201.6.10 Youth, Masters, Para Snow Events etc.

204 Qualification of Competitors

204.1 ACA or PTSO shall not support or recognize within its structure, nor shall it issue a license or approval to participate in National races to any competitor who:

- 204.1.1 Has conducted himself in an improper or unsportsmanlike manner or has not respected the anti-doping rules
- 204.1.5 Knowingly competes or has competed against any skier not eligible according to the National rules.
- 204.1.6 Has not signed the annual FIS Athletes Declaration and/or ACA membership form.
- 204.1.7 Is under suspension.
- 204.2** With the issuance of a license or approval to participate in National races and race entry ACA and/or PTSO confirms, that valid and sufficient accident insurance for training and competition is in place for the competitor and assumes full responsibility. Alpine Canada and the CSA mandate that all International and National FIS licensed athletes purchase SAIP in order to be eligible to race.

205 Competitors Obligations and Rights

- 205.1** The competitors are obliged to make themselves familiar with the appropriate FIS and National Rules and must comply with the additional instructions of the Jury.
- 205.2** Competitors are not permitted to use doping.
- 205.3** Competitors have the right to inform the Jury of safety concerns they may have regarding the training and competition courses.
- 205.5** Competitors must behave in a correct and sportsmanlike manner towards members of the Organizing Committee, volunteers, officials and the public.
- 205.8** Competitors, trainer, team officials and technical officials are prohibited from betting on the outcome of competitions in which they are involved.

211 The Organization

211.1 The Organizer

- 211.1.1 The organizer of a National competition is the person or group of persons that make the necessary preparations and directly carry out the running of the competition in the resort.
- 211.1.3 The organizer must ensure that accredited persons accept the regulations regarding the competition rules and Jury decisions.

211.2 The Organizing Committee

The Organizing Committee consists of those members (physical or legal) who are delegated by the organizer. It carries the rights, duties and obligations of the organizer.

212 Insurance

212.1 National calendared and PTSO calendared events included in the national calendar are covered by the CSA/ACA liability insurance and include all members of the Organizing Committee, so long as they are operating within the expected realm of ski racing. The policy explicitly includes liability insurance claims by any accredited participant, including athletes, against any other participant including but not limited to officials, course workers, coaches, etc.

NOTE: Quebec has a separate policy from the ACA/ CSA Policy.

213 Program

A program must be published by the organizers for each competition listed in the National Calendar which must contain the following:

213.1 Name, date and place of the competition, together with information on the competition site(s), technical data on the individual competitions and conditions for participation, name of principal officials, time and place for the first team captains' meeting and the draw, timetable for the beginning of the official training and start times, location of the official notice board, time and place for prize-giving and final date of entry and address for entries.

214 Announcements

214.1 The Organizing Committee must publish an announcement for the event. It must contain the information required by art. 213.

214.2 Organizers are bound by the rules and decisions of ACA &/or PTSO in limiting the number of entries.

215 Entries

215.1 All entries must be sent so that the Organizing Committee receives them before the final date of entry. The organisers must have a final and complete list no later than 24 hrs before the final draw.

215.3 Only National Ski Associations are entitled to make entries into CAN races. Entries should include:

215.3.1 Code number, name, first name, year of birth, club and/or PTSO

215.6 Foreign Race Entries and Eligibility – Non-FIS:

215.6.1 Entries into USSA National Points events including CanAm / AmCan events must flow through and be approved by the applicable Provincial Sports Organization (PTSO) and ACA. Similarly, USSA entries to Canada hosted events must flow through the host PTSO and ACA and will only be accepted from USSA. Entries must be received at least five (5) days prior to the first team captains meeting for the event.

215.6.1.1 As a minimum standard to be considered for qualification to race in the US, athletes should have at least 120 points or less in one of the disciplines being contested in any series. Entry for athletes with greater than 120 FIS points is at PTSO discretion.

- 215.6.2 Entries of ACA registered athletes into other foreign National Points events must flow through and be approved by ACA). Similarly, other foreign entries into Canada hosted events must flow through ACA from the applicable NSO. Entries must be received at least five (5) days prior to the first team captains meeting for the event. Alternatively, foreign athletes attending academies / school in Canada may join as ACA/PTSO members and be entered into national points events as CAN entries.
- 215.6.3 Canadian athletes attending foreign academies and registered with the NSO of foreign academy may compete as a foreign entry / entry of that nation. Such athletes may not compete as Canadian entries in Canada or elsewhere unless they are registered ACA/PTSO athletes at the time their entries are submitted for a competition/event.
- 215.6.4 Any athlete attending a foreign nation including US race MUST have taken out SAIP insurance through their province in accordance to their travel, training or race schedule.

216 Team Captains' Meetings

- 216.4 Team captains and trainers must obey the ICR and National rules and the decisions of the Jury and must behave in a proper and sportsmanlike manner.

221 Medical Services, Examinations and Doping

- 221.3 Doping is forbidden.

221.6 Medical Services Required from Event Organizers

The health and safety of all those involved in a National calendared competition is a primary concern of all event Organizers. This includes the competitors as well as volunteers, course workers and spectators.

The Organizer / The Chief of Medical and Rescue Services must confirm with the technical delegate that the required rescue facilities are in place before starting the official training or competition. In the event of an incident, or issue that prevents the primary medical plan from being utilized, the back-up plan must be in place before recommencing the official training or competition.

222 Competition Equipment

- 222.1 A competitor may only take part in a National competition with equipment which conforms to the FIS or Nationally Approved Regulations. A competitor is responsible for the equipment that he uses (skis, bindings, ski boots, suit, etc.). It is his duty to check that the equipment he uses conforms to the FIS / Nationally Approved specifications and general safety requirements and is in working order.

- 222.2 The term competition equipment encompasses all items of equipment which the competitor uses in competitions. This includes clothing as well as apparatus with technical functions. The entire competition equipment forms a functional unit.

Skis:

ACA may specify ski length and radius for national events. Physical development, ability and skills must be considered for equipment. Please refer to the 2019-2020 National Rules and Policies document for the current competition season.

Athletes competing in FIS events must compete on equipment that respects FIS rules. This includes International Children races.

Helmets:

Ski helmets specific to alpine skiing are mandatory at all times.

National competition events for **U14**, **U16**, and **Masters** are required to conform to the FIS helmet rules as outlined under section 5. Crash Helmets, in the 2019-2020 FIS specifications for competition equipment. Ski specific, FIS conformed helmets (label "RH2013") MUST be used for GS/SG/DH events, no exception.

Athletes attending FIS sanctioned events including FIS children's races are governed by the 2019-2020 FIS equipment rules for helmet regulations. Athletes attending FIS Masters sanctioned events must follow the rules outlined in the FIS masters rules alpine.

**ACA highly recommends any athlete participating in a FIS Masters event, abides by the ACA National Competition rules for helmet standards.

Please refer to the FIS website for further detail in relation to the FIS helmet rules and regulations for 2019-2020.

Back & Face Protectors:

Back protectors for national races including GS, SG, DH and SX are highly recommended for athletes U14 and up in a race environment.

Face protection for national SL races in the form of a chin guard is highly recommended for athletes U14 and up in a race environment.

ACA will inform members if 'highly recommended' moves to mandated in a National capacity in an appropriate manner of time.

All members MUST check with their province of registration to determine if there are further equipment rules that are applicable to them as part of their provincial membership.

Provinces have the right to set standards above the National Competition rules, however must always, at minimum, met ACA National Standards.

NATIONAL COMPETITION LEVELS

1.1 NON POINTS RACES

1.1.1 Age Group

Category	Age Group
Entry Level	6 -11 years old
PTSO and National Points Series	12 – 99 years old
Master Series	18 years old and older

1.1.2 Non Points Programs

Entry Level:

Category	Age Group
U10	8 – 9 years old
U12	10 – 11 years old

The major Non Points racing program is **Entry Level** which the regulations and criteria are uniform across Canada with their own set of rules and criteria for children ages 6-11. The Entry Level series is training and racing program designated to encourage children to ski race without subjecting them to intense competitive pressures.

Running in conjunction with the Entry Level series is the **Snow Stars Program** that develops skiing skills through games, exercises, drills and purposeful free skiing. Seven levels of skills are recognized and each youngster progresses through each skill at his/her own rate.

Masters Alpine Series: The **Master Alpine Series** is a program that provides an opportunity for adults of all ages to participate in a structured racing program. Races are held in each of the provinces as well as calendared National events.

1.2 NATIONAL POINTS RACES

1.2.1 Age Group

Category	Age Group
National Points Races	
U14	12 - 13 years old
U16	14 - 15 years old
U18	16 - 17 years old
U21	18 – 20 years old

The above age groups are recognized across Canada and based on age as of Dec. 31:

1.2.2 Point Programs

The points program is one in which each competitor must possess a current ACA competitor card and number. The races are entered into the National Points system.

The card system has been designed to accomplish several objectives:

- a) To provide a national registration system for competitors;
- b) To provide a graduated points scoring system, the National Points list in each of the alpine disciplines.
- c) To provide a means to measure the performance of a competitor upward through national levels.
- d) To provide a record of all participants for insurance purposes.

Competitors may not race in ACA sanctioned events that are submitted for input to the national points list without a valid competitor card. ACA sanctioned events include races that appear on National and provincial race calendars.

Non-point and point programs are based on age categories. The age categories can be found on the Alpine Points web site www.alpinepoints.ca

2 NATIONAL POINT RULES

2.1 NATIONAL POINTS LIST - MEMBERSHIP RENEWAL

National competitors require to register annually with their club/PTSO. Each athlete must be a registered member with Alpine Canada Alpin and hold a National Competitor card in order to appear on the National Points List.

2.2 RULES FOR ACA NATIONAL POINT RACES

FIS equipment rules must be used for national training and race events.

- 2.2.1 National points Super G races should be run on FIS SG/GS Homologated courses. For Super G races calendared on lower elevated slopes, PTSO approved is needed. The Provincial Territorial Sport Organizations must ensure that athlete safety is appropriate to the venue.
- 2.2.2 The total number of national points race starts in a season is not monitored or limited, but ACA highly recommends following the guidelines on the number of competitions per age group be in-line with the LTAD.
- 2.2.3 The National Kinder Kombi '**F**' factor will be used for both Technical 'SL – GS' Kombi races and Speed 'SG – GS' Kombi races.
- 2.2.4 Kinder Kombi "F" Factor is the average of the SL & GS "F" Factor.
- 2.2.5 The maximum National race points is 999.00
- 2.2.6 Technical Delegate must confirm the computer race program being used provides correct ACA penalty calculation fill-ins and maximum values, and also provides correct competitor race points for all disciplines, SL, GS, SG, AC, DH.
- 2.2.7 National race results will automatically default to "Yes" for scoring when uploaded. If not to be scored, or an error is faced when uploading, please email alpinepoints@alpinecanada.org where correspondance in relation to the matter will be addressed timely.
- 2.2.8 All protests related to the scoring or non-scoring of a National race will be heard by the National Officials Committee. This committee, made up of the PTSO Officials Chairs of ON, SQA, AB, BC, CDE and CDW will determine the race outcome. Protests must be directed to the National Officials Chair at officials@alpinecanada.org
- 2.2.9 F Values for the different events in the 2019/2020 season are as follows:

DH: 1250 SG: 1190 AC: 1360 GS: 1010 SL: 730 KK: 850

2.3 PENALTY CALCULATIONS:

For ACA National Point Races:

- 2.3.1 The maximum penalty value for a National Level race is **500.00**.
- 2.3.2 The “Fill In” point is to be used in case there are less than five racers with NATIONAL points is **500.00** for all discipline. This fills in must also be used if the racer’s points are over **500.00**
If less than 5 competitors in the penalty calculation, the seed fill-in is 500, the race point fill in is 0.00.
- 2.3.3 No “**ADDER**” is used for scoring National level races
- 2.3.4 No “**Z**” factor’s is used for scoring National level races
- 2.3.5 If two or more competitors have the fifth best points, the competitor with the higher race points will be considered for the penalty calculation

2.4 FURTHER ACA RACE POINT INFORMATION

- 2.4.1 Available on www.alpinepoints.ca
 - Point List Publications
 - Race Result Submission
 - Race Point Calculations
 - National Points Calculations Rules
 - Racer Eligibility

2.5 NUMBER OF RACE STARTS

- 2.5.1 Consistent with FIS ICR 607.3 that limits the number of race starts that will be counted for the points of U18 FIS athletes. Results for FIS athletes that exceed the number of permitted starts in a season will not be counted. ACA does not limit the number of race starts that will be counted for National Race Points but highly recommends following the guidelines on number of competitions per age on the LTAD.

3 NATIONAL CERTIFICATION OF OFFICIALS

3.1 REQUIREMENT FOR OFFICIALS CERTIFICATION

- 3.1.1 To be recognized as a certified Official, an individual must be registered as a member of within a PTSO and maintain their registration on an annual basis. Registration can be done at the ski club level, or through the officials home PTSO. Membership includes liability insurance while the Official is involved with race competitions/events/activities and working within their certification level.

3.2 NATIONAL OFFICIALS PROGRAM CERTIFICATION

3.2.1 The National alpine officials program is a structured and integrated program consisting of four levels of alpine Officials and four levels of Technical Delegates.

The following are the various levels of alpine Officials: After Level 1 – each requires specific practical experience to move on to the next Level.

- **Level 1** - entry-level course providing overall introduction to race organization and the various Officials positions
- **Level 2** – a detailed introduction to alpine ski racing and the roles and duties of various Officials positions. Specific practical experience is required.
- **Level 3** - designed for Officials with considerable practical experience, covers the duties of senior Officials, course preparation, maintenance and setting, as well as calculations of points and penalties
- **Level 4** - be recommended to the National Officials Committee by the PTSO Officials Chair. Level 4 Officials are the most experienced Officials, having showed a superior level of ability.
- **Regional Technical Delegate** – (only in Ontario) Level 2 Official requires certification following recommendation by the Divisional and PTSO Officials Chair
- **PTSO Technical Delegate – Technical (T)** Level 3 Official requires certification following recommendation by PTSO Officials Chair
- **PTSO Technical Delegate – Technical/Speed (T/S)** above qualification with speed experience and recommended by PTSO Officials Chair
- **National Technical Delegate** - PTSO TD (T) &/or (T/S) or licensed FIS TD recommended by the PTSO Officials Chair to the National Officials Committee

3.3 MAINTAINENCE OF CURRENT LEVEL OF CERTIFICATION

3.3.1 Upon qualification, the initial period of certification is as follows:

Level I & II	-	Three years
Level III	-	Three years
Level IV	-	Two year

3.3.2 Once obtaining a specific level of certification, there are practical and, in some cases, other requirements to maintain certification after the initial period of certification has expired i.e. if an Official does not meet the criteria, then the certification is not extended past the initial certification period.

Requirements:

Level I:	Minimum	Activity as an Official
Level II:	Minimum	2 event assignments (4 race days) in a 3 year period and Update*
Level III:	Minimum	2 event assignments (4 race days) a year and Update*
Level IV:	Minimum	2 event assignments (4 race days) per year, at the TD or Chief level or to the satisfaction of the Official Chair. Attend Officials update clinic every other year.

- * Level II and III Officials must also update every two years. The methodology of the update is at the discretion of the PTSO Officials Chair.

Note: Officials who do not meet these criteria will lose their official status and be removed from the Officials List.

4 NATIONAL QUALIFICATIONS FOR JURY MEMBERS AND OTHER OFFICIALS

4.1 CERTIFICATION OF RACE OFFICIALS FOR FIS EVENTS

- 4.1.1 Chief of Race, Level III Official
- 4.1.2 Start & Finish Referees, Level II Official
- 4.1.3 Referee & Ass't Referee, Level II Official or CSC Performance Level (Trained) certification
- 4.1.4 Chief of Course, Level II Official
- 4.1.5 Chief of Gate Judges, Level II Official

4.2 CERTIFICATION OF RACE OFFICIALS FOR NON-FIS SPEED EVENTS

- 4.2.1 Technical Delegate - Minimum of PTSO Technical Delegate with certification in DH/SG events.
- 4.2.2 Referee- Minimum of CSC Development Level (Trained) coach certification, and any of: a) Level II Officials certification, b) CSC Rules and Regulations Module, c) PTSO, National or FIS Technical Delegate with DH/SG certification.
- 4.2.3 Assistant Referee - Same as for Referee except CSC coach certification not mandatory
- 4.2.4 Chief of Race- Level II Officials certification
- 4.2.5 Start Referee-Level II Officials certification
- 4.2.6 Finish Referee-Level II Officials certification

4.3 CERTIFICATION OF RACE OFFICIALS FOR NON-FIS TECHNICAL EVENTS

- 4.3.1 Technical Delegate-Minimum of Divisional Technical Delegate
- 4.3.2 Referee-Minimum of CSC Entry Level (Trained) coach certification, and any of: a) Level II Officials certification, b) CSC Rules and Regulations Module, c) PTSO, National or FIS Technical Delegate with DH/SG certification.
- 4.3.3 Assistant Referee-Same as for Referee except CSC coach certification not mandatory
- 4.3.4 Chief of Race-Level II Officials certification
- 4.3.5 Start Referee-Level II Officials certification
- 4.3.6 Finish Referee-Level II Officials certification

****Note:** For Technical Events, the position of Assistant Referee is optional.

4.4 U10, U12 AND OTHER NON-POINT RACES

- 4.4.1 It is recommended that the execution of races in this category follow the organization structure described in section 4.3 with an assigned Technical Delegate and a Jury. It is understood that in the interest of promoting alpine racing at the grass roots, it is not always practical to do so. To that end, the use of Technical Advisors (Level 2 and higher Officials with practical race experience to assist Entry Level events is recommended. The host Club executive should assign an experienced club Official as a technical advisor to work with the ROC and assist with planning and completion of EL race event.

4.5 MASTERS SERIES RACES

- 4.5.1 For ACA sanctioned Masters Races, Jury and certification of Officials is the same as PTSO guidelines for non-FIS Technical events and for SG events. The Technical Delegate will be appointed by the PTSO Officials Chairman and will be a minimum PTSO TD. Participating competitors cannot be part of the Jury.

4.6 APPOINTMENT OF TECHNICAL DELEGATES

Technical Delegates are appointed as follows:

4.6.1 PTSO & Local Races

TD's for races are appointed by the Division (Ontario only) and PTSO Officials Chair or their designate. In making these appointments, consideration is given to the level of race, its location and the qualifications of the TD.

4.6.2 Provincial Championships, and Can-Am

TD's for these races are appointed by the PTSO Officials Chair or designate.

4.6.3 Western and Eastern Championships

National TD for these races is appointed by the hosting PTSO Chair or designate

4.6.4 National Canadian U14 and U16 Championships

National TD is appointed by the National Officials Chair in consultation with the National Officials Committee.

4.7 APPOINTMENT OF FORERUNNERS

- 4.7.1 **For FIS and National Calendared Races:** Forerunners are appointed per the FIS ICR and must sign an ACA athlete declaration prior to participation in the event.

5. TYPES OF RACES

FIS alpine racing rules are used for National Children's races and Master's races. Master's races have National technical specifications.

Refer to the ICR for rules applying to the following race events:

- Slalom SL includes Single Pole SL events
- Giant Slalom GS includes Single Pole GS events
- Super G SG
- Alpine Combined AC [formerly “super combined”]
- Kinder Kombi KK
- Ski Cross SX

5.1 SEEDING NATIONAL POINT RACES

5.1.1 FIS rules apply for seeding competitors in their first National race start in the above disciplines except for the first Alpine Combined (AC) event run in conjunction with a SG race.

5.1.2 Unlike the FIS point system, ACA’s national points system does not adjust the strength of field in a race compared to all athletes in Canada for any one age group registered for that year. The strength of field component is limited to the athletes who typically race in the region where the race is being held. As such, special seeding/draw rules are utilized at higher level, inter-regional events. i.e. national and provincial championships, CAN – AM series etc.

5.1.3 Point Seeding Info for SG Race in a AC Race Event

5.1.3.1 In a race event with a calendared AC race and SG race, the following method is “how” to seed a race with the "SG" points then change it into a "AC" race.

ROC and in particular the Chief of Administration/Race Office must be aware of this method in order to seed and score the SG race and AC event correctly.

The Technical Delegate, Chief of Race and Coaches must be aware of the use of AC points for the draw and then the use of SG points and SC points for each race.

5.1.3.2 In order to keep National SG and AC Race points pure for National calendared SG races and National calendared AC races the Race Secretariat must do the following:

1. Create a race using AC points
2. Do the draw using AC points
3. Copy the AC race exactly points and ALL
4. Change the copied race to a SG - (This leaves the Bib Numbers the same for both races BUT changes the AC points to SG points for the penalty calculation).
5. Create Run 1 Start Lists for both races.
6. Enter Run1 results in both races - (SG is now ready for official result calculations)
7. Create a Run 2 Start List for the AC race.
8. Enter Run 2 (SL results) into the AC race and calculate the AC Penalty and Official Results.

5.2 NATIONAL TECHNICAL SPECIFICATIONS FOR RACE COURSES

Vertical drops and number of turns

Except as noted in 2.2.2. and below, the technical specifications of the ICR for Alpine apply.

*** Only in the event that the resort does not meet minimum standards may the below table be taken as a recommendation***

		U21	U18	U16	U14
SG	Max VD			450	
	Min VD	400m Men, 350m Ladies		250	
	DC	7% FIS, 6% WC/COC		8% - 12%	
GS	Max VD			350	
	Min VD	250 Men, 250 Ladies		200	
	DC	11% - 15%		13% - 18%	
	Distance			27m	
SL	Max VD			160	
	Min VD	140 Men, 120 Ladies		100	
	DC	30% - 35%		32-38%	
	Distance			12m Delay gate max distance turning pole to turning pole: 15m	10m Delay gate max distance turning pole to turning pole: 15m

		U21	U18	U16	U14
KK (608.12)	Max VD			200	
	Min VD			120	
	DC			10-12%	
	Distance (SL/GS)			ICR 608.12.3.3	
	Distance (GS/SG)			ICR 608.12.4.2	
Parallel	VD			100	
	DC			20-30	

5.2.1 National Children's Technical Requirements

See current ICR and Precisions for CHI technical specifications as a guideline for the jury, taking into account course specifications. Juries, on the recommendation of the Referee and Course Setter, may approve course setting / change of direction counts that the juries feel necessary for the security of the athletes, taking into consideration age group, turn shape achievable using the equipment available to the mean of the field, length of the course due to lack of steepness, etc.

U10, U12 SL stubbie gate events follow the same technical specifications as SL and single pole SL but use stubbie gates (refer to Snow Board ICR 2089.2.1 *Stubbie Poles* for gate specification).

SLALOM* (Ladies & Men)

U14-U16:

U14: Minimum 2 and maximum 4 hairpin combinations and minimum 1 and maximum 2 vertical combination consisting of maximum 3 gates.

U16: Minimum 3 and maximum 6 hairpin combinations and a minimum 1 and maximum 3 vertical combinations consisting of 3 – maximum 44 gates.

*It must also contain a minimum of one and a maximum of 3 delayed turns.

The course should have no special technical difficulties. Flex poles must be light poles (25-28.9 mm)

NOTE: *Only those gates requiring a change of direction are to be counted.*

5.2.2 National Points Race Technical Requirements:

See current ICR and Precisions for technical specifications as a guidelines for the jury, taking into account course specifications. Juries, on the recommendation of the Referee and Course Setter, may approve course setting / change of direction counts that the juries feel necessary for the security of the athletes, taking into consideration age group, turn shape achievable using the equipment available to the mean of the field, length of the course due to lack of steepness, etc.

5.2.3 National Master's Technical Requirements

National Master's race technical requirements are a combination of FIS level and FIS CHI level rules. The combination of rules was approved by the National Master's executive in 2008 to best suit the needs of the age groups from 18 - 85 years of age

Changes from the FIS Master's rules include:

- shorter minimum and maximum vertical drops for SG, GS and SL.
- AC - Children's min/max # of gates
- GS – minimum VD of 12%

The race jury will decide on all technical requirements.

5.2.3.1 ALPINE COMBINED* (Ladies & Men)

Minimum # of Direction Changes: 8% of vertical drop

Maximum # of Direction Changes: 10% of vertical drop

Note: Downhill and Super G courses must be measured

5.2.3.2 GIANT SLALOM* (Ladies & Men)

Min # Direction Changes: 13% of vertical drop

Max # Direction Changes: 15% of vertical

5.2.3.3 **SLALOM*** (Ladies & Men)
Minimum & Maximum # of direction changes 30 – 35% +/-3

Slalom courses must contain open and closed gates as well as 1 to 3 vertical combinations (flushes), at least 3 hairpin combinations and should contain a minimum of one and maximum of three delay gates

NOTE: *Only those gates requiring a change of direction are to be counted.*

6. THE RACE COURSE COMPONENTS

Three main areas of the race course: **Start, Course and Finish** are outlined in the ICR.

6.1 NATIONAL COMPETITION SPECIFICATIONS

The National GS finish line minimum differs from the ICR rule 615.2 of 10m. The required width is wider than the FIS rule.

A minimum of 15 metres is required for the Kinder Kombi finish line.

Discipline	Minimum Finish Line Width
Giant Slalom (GS)	15 m
Kinder Kombi (KK)	15 m

7. NATIONAL TIMING RULES

Timing rules for National race events are based on the most current version of FIS timing rules. In addition to the FIS timing rules there are a number of National timing rules that amend the FIS rules for use at ACA and PTSO sanctioned races.

FIS Timing rules are available in the current addition of the ICR, the Precisions and the FIS Timing Booklet. Timing information including equipment set-up, set-up diagrams, technical installations, the start gate and photo cells, and criteria for approved FIS timing devices is provided in the FIS Timing Booklet.

National timing rules with their modifications of the FIS timing rules should be used at all ACA and PTSO calendared races.

7.1 TIMING EQUIPMENT

7.1.1 It is highly recommended electronic timers, start gates and photo cells be homologated as per the FIS standards for all National calendared races.

7.1.2 Clubs interested in purchasing new equipment should review the list of homologated equipment in the FIS Timing Booklet prior to making a purchase decision.

7.2 ELECTRIC TIMING

- 7.2.1 For all provincial U14 and U16 championships, U16 Western & Eastern Championships, U16 Can-Am and National Master Championships; two synchronized electronically isolated timing systems operating in time-of-day must be used.
- 7.2.2 For all other ACA National calendared races a minimum of one electronically isolated timing system operating in time-of-day is required. It is recommended the ROC use a second synchronized timing system for all races if they so choose. ROC's using one electronic timing system should consider synchronizing with their manual timing system.

7.3 HAND TIMING

- 7.3.1 Manual (hand) timing is mandatory for National as well as FIS races. Manual timing must be completely separate and independent of the electronic timing and must be used for all competitions listed on the National race calendar.
- 7.3.2 Stopwatches or hand operated battery powered timers that are installed at both the start and the finish and capable of expressing times to at least 1/100th (0.01) precision qualify as proper hand timing devices. If stopwatches are used 2 watches should be available at the start and 2 watches at the finish.
- 7.3.3 The watches should be synchronized prior to the start of each run.
- 7.3.4 The watches can also be synchronized with the electronic timing system. Printed records, either automatic or hand-written, of recorded hand times must be immediately available at the start and at the finish. At the end of each run the hand time records are to be delivered to the Chief of Timing.

7.4 NATIONAL TIMING REPORT

- 7.4.1 Preparation of a Technical Timing Report is recommended.

REFERENCES/RESOURCES

Further National Officials information is available on the Alpine Canada Alpin web site www.alpinecanada.org/officials and www.alpinepoints.ca
Questions can be directed to officials@alpinecanada.org or any of the National Officials Committee members at listed on the Members tab at <http://www.alpinecanada.org/officials> .

FIS ICR - https://assets.fis-ski.com/image/upload/v1565805566/fis-prod/assets/ICR_July_2019_13082019.pdf

FIS Specifications for Alpine Competition Equipment - https://assets.fis-ski.com/image/upload/v1561994644/fis-prod/assets/Specifications_for_Alpine_Competition_Equipment_July_2019.pdf

FIS Timing Booklet Alpine Skiing - https://assets.fis-ski.com/image/upload/v1571937774/fis-prod/assets/AlpineTimingbooklet-V2_58-E.pdf