



ALPINE CANADA

GUIDELINE for THE CHIEF OF GATES

What are Your Responsibilities?

The Chief of Gates is responsible for recruiting, training, organizing and controlling the Gate Judges for an alpine ski race.

The Chief of Gates should know the applicable FIS rules (found at rules 660 to 670 inclusive of the FIS ICR blue book and current Precisions). S/he should also be familiar with the gate judging information in the National Officials Program Course Manuals, GJ info documents and job descriptions and had the practical experience of working as a Gate Judge on previous occasions.

Pre Race Preparation:

Find out the type and level of the race. This will help you determine the number of gates and therefore the number of gate judges you will need to recruit. Example - a K1/K2 slalom race will have between 30-35% +/-3 of the maximum vertical of 160m for the number of gates which is 48 – 56 gates. In slalom we need at least 1 gate judge for every 3 gates, so you need a minimum of 16 Gate Judges. For FIS slalom race the minimum vertical drop more is you will need more Gate Judges.

Refer to the ICR/Precisions for each discipline's minimum and maximum vertical drop so you can plan the number of Gate Judges you will require.

Start recruiting at least 3 weeks before race day. Personal phone calls are the most effective means. For a race event (of multiple days requiring GJ's) you may want to use a phone committee; it makes your job easier. Most GJ should come from your own club, but contact the race chairs or alpine chairs from other clubs. They may have a list of parents who will be coming to the race and will be happy to help out. It is wise to have at least 2 extra judges recruited ahead of time. The extras can fill in for a no show, possible shadow you, or spell off judges that need to use the washrooms etc.

Obtain the e-mail address &/or phone number of each volunteer so you can inform them of where and when to meet, race particulars, and to have the clothing so they will be prepared for any type of weather. E-mailing "Guidelines for the Gate Judge" to your respective GJ's so they can review the information prior to your race morning education session would be helpful.

Equipment check and collection of the same: Gate Judge outfits – identification vests, gate judge cards (at least 4 + 1 or 2 extra per judge for a 2 run slalom), pencils and clip boards to write on (should have light plastic shielding on them because of snow or rain), extra cards and pencils, gate judge instructions for all the judges, note book for reminders and notes, knife, FIS blue rule book, and pieces of carpet for judges to stand on for warmth. Race day you will hopefully be given a radio. If you are new to the job, ask the Chief of Race as to proper radio protocol.

On a cold wet day, ink either freeze or runs but pencil lead writes. Always have pencils!

Refreshments – make sure that both lunches and drinks have been organized and will be handed out to your judges preferably at the GJ meeting before the race starts each day or delivered to the Gate Judge during the race.

Day before the Race:

Go to the Team Captain's meeting if possible. It will give you a feel for and introduction to the race organizing committee, and it could give you an opportunity to recruit some extra judges from other mountains. The head coach of the home team will be able to give you an idea of the number of gates that will be on the course.

Confirm the number of judges and make sure they know the **time and place** to meet.

One hour to one ½ hours is usually enough time before the start of the race, it depends on the chair lift time required to get to the race course. Remind them to go to the race office 1st thing in the morning, or direct them to the alternate location set up for race days, where the ROC will give them volley lunches and complementary lift tickets.

Remind them to dress warmly and to bring along extra liquids to drink.

If there are inexperienced Gate Judges, plan on taking the time to show them the Gate Judge CD &/or review the Gate Judge's job using the Guidelines for Gate Judges.

Have a copy of the guidelines for all the GJ's, even for the experienced as it will be an excellent review.

Organize the cards etc for the gate judges. Have extras available.

Race Day: Have a check list and continually refer to it.

Pick up start lists for all the Gate Judges, and add to the packages that you have already put together for them. Make sure you bring a back pack along to carry everything in. Find out who will be delivering the start lists to you for the second run if this is a two-run race. Also pick up a race schedule if you didn't get one at the coaches meeting.

If time permits, if early lift loading is available, go up to the start in time to ski down with the course inspection or just after it occurs, and sketch a rough diagram of the course and gate locations. **Why?** You will now know the number of gates and more importantly you will know the layout of the course. This will allow you to plan ahead a more accurate number and placement of GJ's as well as locations to place the more athletic and/or experienced judges in the tougher spots.

If the Chief of Course wants you to number the gates, suggest that it would be better if a course worker did this duty or number the gates as you check the course immediately following the Jury inspection or if necessary, have one of your GJ assistant Chief do it.

Before you head out to the hill - Ascertain whether the Chief of Course would like Gate Judges to repair and maintain the course. If he does, ask him to ensure Gate Judges have rakes and shovels. You must know correct raking and shovelling technique, so you can demonstrate to the gate judges during the training session. If you are not familiar with these tasks, invite the assistant C of Course to your meeting.

For a two run race event, depending on the hill location of the race, race schedule and proximity to off-hill amenities (eating areas and bathrooms) decide if there will be enough time for GJ's to leave their on-hill location between the first and second run.

If the GJ's can not be in place a minimum of 20 minutes before the start of the 2nd run inform them they should not leave the race course area until the race is finished.

Gate judges should meet at the designated location and the designated time before the race starts, and at that time you should hold a training session outlining the schedule, their responsibilities, the GJ card and reviewing what will constitute a DSQ. Remind the judges that a diagram and correct documentation is necessary in the case of a DSQ.

Set your radio (if you have one) on the Jury channel. Remember that you may only listen and not speak on that channel once the race begins as this channel is reserved solely for the Jury. Know the Chief of Course and Race Secretary channel so that you can communicate with them if necessary. (Example – you are part way down the course and a gate needs repair) It is very helpful to have the cell phone number in case you wish to reach the Chief of Race that way.

On hill - Allow yourself plenty of time to take Gate Judges down the race course in a “herd” to allocate gates. Call out gate numbers in “sets” and designate Gate Judges for each set. Match up Gate Judges with sets of gates according to experience, athletic ability, weather conditions, gate combinations and other relevant factors. Remember that experienced judges should be placed beside the less experienced. This allows for a little on hill training, and possibly for some redundancy when noting DSQ’s. Let them know where the best place to stand would be for safety and being able to observe the passage of racers through their gates. Also, the GJ should be aware of the correct and best location to locate their skis while they do their GJ duties.

Remind the Gate Judges that it is their perception of correct passage that is to be recorded, and that they must NOT allow the opinions of the public or coaches to influence their decision. Pace yourself, as Gate Judges should be in position 20 minutes before the start of each run of the race or in the case of speed events well before the time for “course freeze”.

If a 2 run race, confirm with the Referee what his post run plans are. e.g. if the women run before the men, and the Referee is planning to review both the women’s and the men’s gate cards together, then the cards can be collected after the men’s run.

If you decide to collect the cards after the women’s run, if the men are running directly after them, you will probably have to give your cards to the Finish Referee, who will later give them to the Referee.

Tell the Gate Judges when you will be collecting their card so they will be looking for you and in most cases they will be easier to locate as you collect the cards.

Try to keep at least 2 surplus judges with you. If one is fairly experienced you may have that person shadow you for part of the race and/or also assist some of the less experienced people on the course. They will also be able to temporarily replace judges who need to use the washroom etc. If you are short judges, you could ask the Start and Finish Referees to take a couple of gates each. If you are really, really short of GJ’s you may have to ask the Jury to take some gates.

If there is time during the race, it is best to cycle down the course, to educate and encourage your Gate Judges.

- Is everything OK?
- Any questions?
- Bathroom relief?
- Great to offer wrapped candies to those who want them.

Time your cycles carefully so you will be at the start before the last racer leaves the start and you will be ready when it’s time to collect gate cards.

In a two run race, distribute Bibbo start lists for the second run as soon as they are available from the race office. Know and make Gate Judges aware of the 2nd run race schedule, including updates and revisions.

Before you collect the cards always check with the Start Referee to make sure there are no reruns. If it works for your race, check with timing if they want you to take the recorded start manual times down to the finish line along with the gate judge cards.

In accordance with the instructions given by the Jury, the Chief Gate Judge (&/or assistant) collects all the GJ cards.

Try to be quick collecting gate judge cards. The Finish Referee and Referee are usually waiting for the cards in the finish area. If you have a shadow or a senior gate judge, have that person collect half of them starting at the middle of the course while you start at the top of the course. A recommended way to deal quickly with GJ card collecting is to ask the GJ:

- Have they filled in all the front page information?
- Did they check the Fault/DSQ or the No Fault box?
- Any DSQs? If so, have they drawn a diagram? Recorded the bib # and gate # ensuring the information is clear and correct.
- Check the cards for completeness!

Review any DSQ diagrams to ensure you understand them (you may have to review them with the Referee). Remind Gate Judges with recorded DSQ’s, they must report to the finish area and explain the diagram and fault if so requested.

Ask the Gate Judges to return their GJ identification and GJ package to the Race office or designated GJ meeting location.

Be sure to thank each GJ for their officiating duties.

At the finish line - Deliver the GJ cards to the Referee or give to the Finish Referee if the Referee is not yet there.

Have the cards in the order of the gate numbers so they can easily be reviewed by the Referee and Finish Referee.

If the Referee has any questions regarding a DSQ, introduce the GJ responsible for documenting the DSQ to the Referee and remain with the GJ until they are no longer required at the Finish.

Remind GJ's with a DSQ they must be available until after the 15 minute protest period.

Know where you can find the GJ if required for a Jury meeting regarding a protest.

If a Gate Judge DSQ's a racer and the Jury rules against his or her decision, make sure you explain the reason thoroughly to the Gate Judge. If need be, have the TD or Chief of Race give the explanation to the Gate Judge. Nothing is worse than a having a Gate Judge wondering why the DSQ did not stand up.

At the end of the day.....

When all GJ's are off the hill and any DSQ proceedings are completed collect the GJ identification and equipment, check and prepare GJ packages for the next day race or race series. Do the same with Chief of Gates equipment.

Prepare any GJ comments you may have for the following day's race.

Make a list of gate judges on duty each race day for the Officials records and for insurance purposes. Be sure to give the GJ list to the Chief of Administration at the end of the race event.

Gate Maintenance Guide:

Information you or delegated course crew member can review with the Gate Judges if they are expected to do course maintenance.

Gate Maintenance ~ Snow Damage Types and Repair Techniques

*Thanks to Alpine Ontario for the following table.

	What	Cause	Where	Effect	Tools	Repair
Hole	Similar to a pothole. Very dangerous	Breakthrough of weak layer where racers pressure ski in same place	Racing line below gate	Disrupted race line possibly for several gates. Binding pre-release	Steel shovel	1 st Lengthen hole along race line by shovelling downhill hole edge, blending depth equal to surrounding snow (never deeper) over several feet. 2 nd Repeat along up-hill race line. 3 rd Repeat along the gate side edge being sure to blend with surrounding snow
Chatters	Ripple similar to washboard	Ski edges gripping and releasing as racers slide sideways	Above and below gate	Usually minimal. Possible binding pre-release	Rakes	Work toothed side of rake parallel along chatter mark to smooth whole area. Sufficient pressure without breaking through the layer. Do not break through layers and cause hole.
Ruts	Long groove	Softer snow yielding to ski pressure	Along race line above and below next gate	Deep/steep downhill end of rut make launching the racer or causing ski to lose contact with snow	Steel shovel	If not getting worse, leave it alone. Same as for holes, special attention to eliminating launching effect. Under melting conditions, gate pole may need to be tightened further into the base during race maintenance.
Double Ruts	Two short parallel ruts likely across race line	Double pumping to pressure ski	Beside/below gate	Possible pre-release. Racer thrown off balance, possible tail hooking	Steel shovel	Lengthen the up-hill and downhill ends of the ruts; merge the ruts by removing the bump/ridge between the ruts
Berm	Built up snow from slipping on the outside of the race line	Insufficient widening of the slip area by slip crew to blend excess with surrounding snow	Beginning opposite gate, continuing below gate outside and low of the racing line	Unbalanced sudden deceleration leading to a tumbling fall. Lateral launching	Steel shovel and rake	Excess snow spread out, packed down and blended into surrounding snow for entire length of the berm.
Snow Piles at Gates	Snow build up at the base of turning pole	Slipped snow from inspection and racing	At the base of turning pole	Ramping Invisible dye mark, Impaired GJ quality, Pole rebound	Grain scoops and steel shovel	Remove loose snow from wide area around pole base, down to firm layer. Critical to perform this action after inspection closes. Under melting conditions, gate pole may need tightening.