



GNCTR 2018 | WATERLOO REQUESTS FOR INFORMATION (RFI) RESPONSE PACKAGE #3

In an effort to ensure all competing teams are working off the same information, the responses to any relevant questions sent to the GNCTR 2018 Organizing Committee will be published for all teams to see in the form of Requests for Information Response Packages. These responses are meant to supplement the Official Rules. The questions and responses for RFI Response Package #3 are listed as follows:

RFI #	013
RFI TITLE	Braking During a Race Run
INFORMATION REQUEST	Our team is using a braking system that is manually operated by a rider meaning there is no one-and-done braking system. With the hill being larger than the past couple years, would it be permissible to use our brakes as speed control throughout the run if necessary as a safety means?
INFORMATION RESPONSE	Yes, the GNCTR 2018 Organizing Committee deems it acceptable for a Team to activate their braking system part way down the run, providing it is not a one-and-done system (ex. pneumatics). No deduction will be recorded for early brake deployment in this case due to the following reasons: <ol style="list-style-type: none"> 1. As outlined in Appendix A of the Official Rules, braking performance is measured via deceleration, not braking distance. Any slight advantage from early brake deployment would be offset by Point #2 below. 2. Any team deploying their braking system early will be sacrificing run time and top speed scoring, which is deemed enough of a consequence for early deployment.

RFI #	014
RFI TITLE	Technical Exhibit Space Allocation
INFORMATION REQUEST	Clause 9.2.5 of the Official Rules notes a 10'x10' space for the Technical Exhibit, and an adjacent 10'x10' space for the Toboggan.
	Clause 9.2.6 reads "Only the Toboggan and additional parts to be used on Race Day may be displayed within the Toboggan display area. A raised platform for display of the Toboggan will be permitted."
	In previous years, many teams have treated the two allotted 10'X10' spaces as one larger 20'x10' space for their display and any interactive activities. Will teams be allowed to have a backdrop behind their toboggan display area? Will we be able to have one continuous backdrop for both spaces? Would it be acceptable if a team had their 10'x10' Toboggan display designated in the middle of their allotted space, and divided their Technical display into two 5'X10' spaces on either side?



INFORMATION RESPONSE	Yes, this response amends these clauses so that the space can be considered as one larger 20'x10' space with display on either side of the toboggan. The team is responsible to ensure that there remains sufficient access on all sides of the toboggan for judges and competitors to view it.
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RFI #	015
RFI TITLE	Patching Surface Voids in Concrete Running Surface
INFORMATION REQUEST	Clause 7.2.3 reads “Ski wax is the only permissible coating for the running surface...”. Please clarify if a concrete patch mix used to skim coat the skis to fill honeycombing, bugholes, or other surface voids is considering a coating, or if the application of a patch mix to fill voids is acceptable.
INFORMATION RESPONSE	<p>It is permissible to apply a non-structural skim coat patch mix to the skis to fill voids, provided the following criteria are met:</p> <ol style="list-style-type: none"> 1. The mix must be non-structural in nature (i.e. is used to smoothen the running surface only and not part of the structural ski). 2. Technical data for the patch mix must be included in the Technical Report, including product used and application. 3. Photos documenting the entire application process must be included in the “construction photographs” appendix of the Technical Report. This must include photos of the concrete skis prior to application, showing voids that are being filled. Photos should also document that the cross sectional dimensions of the skis have not significantly changed due to a thick patch mix being applied. 4. It is permissible for the patch mix to be either designed and batched by the Team, or a readily available commercial concrete patching product. Acceptable products include: <ol style="list-style-type: none"> a) MAPEI Mapecem® Quickpatch; b) MAPEI Planitop® X; c) QUIKRETE® Bonded Topping Mix; d) Sika Mix&Go®; e) Any mix designed and batched by the Team. <p>Alternate products similar to those listed above may be deemed acceptable, provided the Team submits a technical data sheet for the product to the GNCTR 2018 Organizing Committee for review prior to use in construction.</p>



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RFI #	016
RFI TITLE	Late Registration / Adding Team Members After December 1 st
INFORMATION REQUEST	Please advise if we are able to add competing team members after the final registration fee deadline of December 1 st , 2017.
INFORMATION RESPONSE	<p>Teams may add members after December 1st, however, the full \$50 per competitor late fee outlined in the registration package will apply. This will mean a total cost of \$275 per competitor added to a team following December 1st. The Organizing Committee reserves the right to stop accepting added members at any point from December 1st to January 24th at their discretion.</p> <p>To add to this RFI response, please note that the Organizing Committee has been lenient on late initial registration fees. This same leniency will not be given for late final registration fees.</p>

END OF RFI RESPONSE PACKAGE #3