

## **RULES – CROSS-COUNTRY 2018**

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### **1 Registration – Preregistration**

- 1.1 Competitors must be aged 18 years or older.**
- 1.2 Competitors may preregister at the evening information sessions or on the official Festival Folifrets Baie-James Web site.**
- 1.3 Competitors must have paid the registration fees and signed the required documents no later than 8 p.m. on March 2, 2018.**
- 1.4 No refunds will be issued for registration or other fees unless the event is cancelled prior to the start of the race.**
- 1.5 A class in which fewer than five competitors have registered may be eliminated, in which case those registered in the eliminated class will be refunded.**

### **2 Competitors' Responsibilities and Obligations**

- 2.1 Competitors must comply with the general competition rules, the officials' instructions and all markers and signs in effect for each class.**
- 2.2 Competitors must register at all designated checkpoints during the race.**
- 2.3 Competitors must complete and record the laps required for the class in which they are registered.**
- 2.4 At the race site, competitors shall behave in a sportsmanlike manner toward the other participants, organizers and officials at all times.**
- 2.5 Competitors are not permitted to consume or be under the influence of alcohol, drugs or doping substances at any time during the race.**
- 2.6 Competitors must wear their assigned numbers on the back of their bibs and ensure that they remain visible at all times.**
- 2.7 Competitors must not run their snowmobiles in such a way as to deliberately obstruct, push, block or cut in front of other drivers.**
- 2.8 Competitors must start the race with both feet on the running boards of their snowmobiles.**
- 2.9 Competitors must wait until the trail is clear before continuing the race if one or more drivers have spun out or run off the race course.**
- 2.10 Competitors whose snowmobiles have broken down during the race must remove them from the race course.**
- 2.11 If a snowmobile must be pushed, it may only be pushed in the direction of the race.**
- 2.12 Competitors must always follow the prescribed race course and comply with all markers and signs installed by the officials.**
- 2.13 Competitors must attend all race meetings, including a pit meeting on the morning of the competition scheduled for March 3, 2018.**

## **RULES – CROSS-COUNTRY 2018**

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### **3 Strictly Prohibited Actions**

- 3.1** *Running outside the marked race course to gain an advantage.*
- 3.2** *Running on the road or on top of the snow bank unless the signs authorize the drivers to do so.*
- 3.3** *A driver may run on the outside (ditch side) of the snow bank, but the ski of the snowmobile must never reach the highest part of the snow bank, or the driver will be penalized for running on top of it.*

### **4 Team Members' Responsibilities**

- 4.1** *Team members must comply with the general competition rules and with the officials' instructions.*
- 4.2** *Team members are not permitted to be on the race course during the race, except to remove a snowmobile.*
- 4.3** *In the event of a mechanical problem at the start line, the driver may receive assistance with the consent of an official.*
- 4.4** *Repairs and fueling are only permitted in the two designated pit areas (one in the start area and one at Km 13 of the Route du Nord).*
- 4.5** *Every team performing fueling must have a working fire extinguisher at the ready.*

### **5 Verification and Inspection**

- 5.1** *Drivers must submit their snowmobiles for inspection to verify that they comply with the rules.*
- 5.2** *Snowmobiles must be on-site by 8 a.m. on March 3, 2018. Every driver or a member of his/her team must be on hand to conduct the inspection of the snowmobile with a member of the organization.*
- 5.3** *If the inspection reveals that the snowmobile does not qualify, the driver will not be permitted to race.*

### **6 Start Line**

- 6.1** *Following the inspection, the driver or a team member must move the snowmobile to the start line in accordance with the driver's position and class.*
- 6.2** *At the pit meeting and during the start-line formation, only the driver and one team member will be allowed on the race course.*
- 6.3** *At the start of the race, only the driver will be allowed on the start line.*

### **7 Drivers' Mandatory Safety Equipment**

- 7.1** *A protective helmet that provides full protection (including the jaw) and complies with Québec's Protective Helmets Regulation.*

## **RULES – CROSS-COUNTRY 2018**

- 7.2** *Gear (such as a visor or goggles) designed to protect the eyes.*
- 7.3** *Gloves and clothing designed for the weather conditions.*
- 7.4** *Boots that come up above the ankle.*
- 7.5** *Though not mandatory, an ISR approved chest protector (designed to protect the torso) is strongly recommended.*

### **8 Snowmobile Equipment**

**8.1** *Snowmobiles must be equipped with a working Tetherswitch-type automatic ignition switch, which complies with the following criteria:*

- 8.1.1** *The wire must be no more than 1.5 m (5 feet) long when fully extended.*
- 8.1.2** *The wire must be solidly attached to the driver. Alligator clips are prohibited.*
- 8.1.3** *The switch must not be mounted on the handlebars.*

**8.2** *Brakes must be in good working condition at all times.*

**8.3** *Snowmobiles must be equipped with a working tail light.*

**8.4** *Snowmobiles must be equipped with a rear snow guard.*

### **9 Penalties**

- 9.1** *Competitors who contravene the rules are liable to penalty, exclusion and disqualification.*
- 9.2** *Competitors who contravene Rule 2.7 will be penalized in proportion to the violation (disqualification warning).*
- 9.3** *Competitors who contravene Rule 3.1 will be disqualified unless they return to the point where they left the prescribed race course and continue the race from there.*
- 9.4** *Competitors who contravene Rule 3.2 will be disqualified.*
- 9.5** *Competitors who contravene Rule 6.1 will have their final time increased by 5%.*

### **10 Race Officials: Race Director, Safety Director, Technical Director and Checkpoint Director**

#### **Officials' Responsibilities**

- 10.1** *The Race Director is responsible for conducting the competition and for imposing penalties on drivers who contravene the rules.*
- 10.2** *The Safety Director is responsible for ensuring the safety of both the drivers and spectators throughout the race, and supervises the signallers stationed along the race course.*
- 10.3** *The Technical Director is responsible for verifying the compliance of the snowmobiles and drivers' equipment.*

## RULES – CROSS-COUNTRY 2018

**10.4** The Checkpoint Director is responsible for all markers, signs and checkpoints along the race course. The Checkpoint Director also supervises all checkpoint officials and the people working at the checkpoints.

**10.5** The decisions rendered and any penalties imposed by an official are final and are effective immediately.

### 11 Criteria for SPORT LPL 100 and SPORT LPL 40 Classes

To give all competitors a fair chance, criteria other than time recorded will be used to determine the race winners. After reviewing various studies and holding consultations, the following four criteria have been selected:

- 1) Type of front suspension on the snowmobile
- 2) Year of manufacture of the snowmobile
- 3) Driver's gender and date of birth
- 4) Time recorded

The final score will be determined by multiplying the data from each criterion.

For example:

*suspension X snowmobile year X driver's gender and date of birth X time recorded = final score*

Sources for criteria:

- 1) and 2) Consultation with a panel of experts
- 3) Analysis of Olympic records and research paper by Helge Schroeter-Janssen, 1999: *Évolution du potentiel athlétique en fonction de l'âge pour les hommes et les femmes [age-related changes in athletic potential in men and women]*

The data from the above criteria are provided in the table below.

SNOWMOBILE DATA		DRIVER DATA		
1 - TYPE OF FRONT SUSPENSION		3 - GENDER AND DATE OF BIRTH		
Type of front suspension	Datum	Female	Year	Male
Leaf springs only or leaf springs with shock	<b>0.9</b>	0.790	2000	0.971
Shock only	<b>0.95</b>	0.798	1999	0.975
Independent suspension with shock	<b>1</b>	0.805	1998	0.979
		0.811	1997	0.983
		0.818	1996	0.987

## RULES - CROSS-COUNTRY 2018

2 - YEAR	
Year	Datum
2018	1
2017	0.993
2016	0.985
2015	0.978
2014	0.970
2013	0.963
2012	0.955
2011	0.948
2010	0.940
2009	0.933
2008	0.925
2007	0.918
2006	0.910
2005	0.903
2004	0.895
2003	0.888
2002	0.880
2001	0.873
2000	0.865
1999	0.858
1998	0.850
1997	0.843
1996	0.835
1995	0.828
1994	0.820
1993	0.813
1992	0.805
1991	0.798
1990	0.790
1989	0.783
1988	0.775
1987	0.768
1986	0.760
1985	0.753
1984	0.745
1983	0.738
1982	0.730
1981	0.723
1980	0.715

0.823	1995	0.99
0.829	1994	0.992
0.834	1993	0.995
0.838	1992	0.996
0.842	1991	0.998
0.846	1990	0.999
0.848	1989	1
0.851	1988	1
0.853	1987	1
0.855	1986	0.999
0.856	1985	0.999
0.857	1984	0.997
0.857	1983	0.996
0.857	1982	0.994
0.856	1981	0.991
0.854	1980	0.988
0.853	1979	0.985
0.851	1978	0.981
0.848	1977	0.977
0.846	1976	0.973
0.841	1975	0.968
0.838	1974	0.963
0.834	1973	0.958
0.828	1972	0.952
0.823	1971	0.945
0.817	1970	0.939
0.811	1969	0.931
0.804	1968	0.924
0.797	1967	0.916
0.789	1966	0.908
0.781	1965	0.899
0.773	1964	0.89
0.763	1963	0.881
0.754	1962	0.871
0.744	1961	0.86
0.733	1960	0.85
0.722	1959	0.839
0.711	1958	0.827
0.699	1957	0.816
0.687	1956	0.803
0.674	1955	0.791
0.661	1954	0.778
0.648	1953	0.764

## ***RULES - CROSS-COUNTRY 2018***

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1979	0.708
1978	0.700
1977	0.693
1976	0.685
1975	0.678
1974	0.670
1973	0.663
1972	0.655
1971	0.648
1970	0.640
1969	0.633
1968	0.625
1967	0.618
1966	0.610
1965	0.603
1964	0.595
1963	0.588
1962	0.580
1961	0.573
1960	0.565

0.633	1952	0.751
0.619	1951	0.737
0.603	1950	0.722
0.588	1949	0.707
0.571	1948	0.692
0.555	1947	0.676
0.538	1946	0.66
0.521	1945	0.643
0.503	1944	0.627
0.485	1943	0.609
0.466	1942	0.592
0.446	1941	0.574
0.427	1940	0.555
0.407	1939	0.536
0.386	1938	0.517