

**BULLETIN NO. 20/21 -006****DATE: 1 March 21****TO: All ISR Racing Affiliates****SUBJECT: Four-stroke classifications**

The classification of four-strokes is done by the ISR Four-Stroke Classification Committee.

Any four-stroke powered snowmobile that competes in any snowmobile racing class must be assigned to that class by the Classification Committee. If a particular model or model variation is not classified, it is not allowed to compete.

The following new classifications have been made for events other than Drag Racing:

| VENUE                  | CLASS                       | MODEL                                | ENGINE   |
|------------------------|-----------------------------|--------------------------------------|--|
| SnoCross               | Junior 14/15                | 2007-2017 Yamaha Phazer Models       | 499 cc 4-stroke twin naturally aspirated             |
| SnoCross               | Junior 16/17                | 2007-2017 Yamaha Phazer Models       | 499 cc 4-stroke twin naturally aspirated             |
| SnoCross               | Sport & Semi Pro 440        | 2007-2017 Yamaha Phazer Models       | 499 cc 4-stroke twin naturally aspirated             |
| SnoCross               | Phazer Only Specialty Class | 2007-2017 Yamaha Phazer Models       | 499 cc 4-stroke twin naturally aspirated             |
| Cross Country          | Sport and Semi Pro 440      | 2007-2017 Yamaha Phazer Models       | 499 cc 4-stroke twin naturally aspirated             |
| Oval Sprint            | Junior 111                  | 2007-2017 Yamaha Phazer Models       | 499 cc 4-stroke twin naturally aspirated             |
| Oval Sprint            | Stock and Pro Stock 500     | 2007-2017 Yamaha Phazer Models       | 499 cc 4-stroke twin naturally aspirated             |
| Oval Sprint            | Stock 600ss                 | 2008-2021 Ski Doo 1200 Models        | 1170.7 cc 4-stroke 3 cylinder fuel injected          |
| Oval Sprint            | Stock 600ss                 | 2007-2021 Arctic Cat 1100 Models     | 1056 cc 4-stroke twin naturally aspirated            |
| Oval Sprint            | Stock 600ss                 | 2014-2018 Arctic Cat All 7000 Models | 1049 cc 4-stroke 3 cylinder fuel injected (no turbo) |
| Oval Sprint            | Stock 600ss                 | 2008 - 2014 Yamaha FX Nytro          | 1049 cc 4-stroke 3 cylinder fuel injected (no turbo) |
| Oval Sprint            | Stock 600ss                 | 2014-2022 Yamaha Viper               | 1049 cc 4-stroke 3 cylinder fuel injected (no turbo) |
| Enduro                 | 600ss Pro Stock 600         | 2007-2021 Arctic Cat 1100 Models     | 1056 cc 4-stroke twin naturally aspirated            |
| Enduro                 | 600ss Pro Stock 600         | 2008-2021 Ski Doo 1200 Models        | 1170.7 cc 4-stroke 3 cylinder fuel injected          |
| Enduro                 | 600ss Pro Stock 600         | 2014-2019 Arctic Cat All 7000 Models | 1049 cc 4-stroke 3 cylinder fuel injected (no turbo) |
| Enduro                 | 600ss Pro Stock 600         | 2008 - 2014 Yamaha FX Nytro          | 1049 cc 4-stroke 3 cylinder fuel injected (no turbo) |
| Enduro                 | 600ss Pro Stock 600         | 2014-2022 Yamaha Viper               | 1049 cc 4-stroke 3 cylinder fuel injected (no turbo) |
| Hillcross/<br>Hilldrag | Stock 600                   | 2008-2021 Ski Doo 1200 Models        | 1170.7 cc 4-stroke 3 cylinder fuel injected          |

|                        |               |   |   |
|------------------------|---------------|---|---|
| Hillcross/<br>Hilldrag | Stock 600     | 2007-2021 Arctic Cat<br>1100 Models           | 1056 cc 4-stroke twin<br>naturally aspirated            |
| Hillcross/<br>Hilldrag | Stock 600     | 2014-2019 Arctic Cat<br>All 7000 Models       | 1049 cc 4-stroke 3 cylinder<br>fuel injected (no turbo) |
| Hillcross/<br>Hilldrag | Stock 600     | 2008 - 2014 Yamaha FX<br>Nytro                | 1049 cc 4-stroke 3 cylinder<br>fuel injected (no turbo) |
| Hillcross/<br>Hilldrag | Stock 600     | 2014-2022 Yamaha<br>Viper                     | 1049 cc 4-stroke 3 cylinder<br>fuel injected (no turbo) |
| Asphalt                | Open Mod 100  | 2008-2021 Arctic Cat All<br>1100 Turbo Models | 1056 cc 4-stroke twin<br>turbo charger                  |
| Watercross             | Stock 601-800 | 2008-2021 Ski Doo 1200<br>Models              | 1170.7 cc 4-stroke 3 cylinder<br>fuel injected          |
| Watercross             | Stock 601-800 | 2007-2021 Arctic Cat<br>1100 Models           | 1056 cc 4-stroke twin<br>naturally aspirated            |
| Watercross             | Stock 601-800 | 2014-2019 Arctic Cat<br>All 7000 Models       | 1049 cc 4-stroke 3 cylinder<br>fuel injected (no turbo) |
| Watercross             | Stock 601-800 | 2008 - 2014 Yamaha FX<br>Nytro                | 1049 cc 4-stroke 3 cylinder<br>fuel injected (no turbo) |
| Watercross             | Stock 601-800 | 2014-2022 Yamaha<br>Viper                     | 1049 cc 4-stroke 3 cylinder<br>fuel injected (no turbo) |

### **International Snowmobile Racing, Inc.**

If a specialty 1000 Improved Stock Class that includes turbo chargers are to be run, the following snowmobiles have been classified to compete in that class.

| <b>VENUE</b>           | <b>CLASS</b>           | <b>MODEL</b>                                  | <b>ENGINE</b>                               |
|------------------------|------------------------|---|---|
| Hillcross/<br>Hilldrag | Improved Stock<br>1000 | 2008-2021 Arctic Cat<br>All 1100 Turbo Models | 1056 cc 4-stroke twin with<br>turbo charger |
| Speed Run              | Improved Stock<br>1000 | 2008-2021 Arctic Cat<br>All 1100 Turbo Models | 1056 cc 4-stroke twin with<br>turbo charger |

#### **2008–2014 Yamaha FX Nytro models**

#### **2014-2019 Arctic Cat 7000 models**

#### **2014-2022 Yamaha Viper models**

All of the variations of these models comply with the formula for the new Super Stock classes in Snocross and Oval Sprint racing. Furthermore, these models are allowed in all forms and classes of racing which allow 600cc liquid cooled two-stroke powered snowmobiles. This includes 600cc Stock classes in Oval Sprint, Enduro Sprint and Pro 600 Enduro, Ice Lemans, Hillcross, Drag Cross, Cross Country, Hillclimb, Mountain Cross, Watercross and Speed Run.

**NOTE: See Bulletin No. 13/14 - 003 for current 4-stroke classifications in Drag Racing.**