

HELLO OPBRA RACING MEMBERS

The following supplement represents the racing class rules for the OPBRA 2021 racing season and will supersede the racing class rules in the current reference guide.

This guide is to be used in conjunction with the current OPBRA reference guide for by-laws, rules and general information. The new 2021 Reference Guide will be forthcoming and will include these class rules.

Any questions regarding class rules should be sent via email ONLY to info@opbra.ca and addressed directly to your Class Rules Representative (see following page). Please indicate your race class in the subject line of your email.

As OPBRA race classes continue to evolve, rules and regulations may be changed or revised at any time prior to, or during an event in order to promote safety and/or fair competition of the sport. It is the boat driver and boat owner's responsibility to read, review and adhere to all OPBRA rules contained within this Class Rules Guide, as well as the OPBRA Reference Guide.

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2021

OPBRA

CLASS RULES SUPPLEMENT



2021 RULES COMMITTEE MEMBERS

Any questions regarding class rules should be sent via email ONLY to info@opbra.ca and addressed directly to your Class Rules Representative (see below).

*Please indicate your race class in the subject line of your email.

❖ COMMITTEE CHAIR
Dean Aaron

❖ STOCK CLASS
Sean Goodman

❖ FORMULA
Mark Stein

❖ LAKE RACER
Kevin Ward

❖ MODIFIED
James Ross

❖ OUTLAW
Greg Keeling

❖ TRIPLES
Brent Valois

❖ T-750
Matt Makauskas

❖ T-850
Trish Ferrier

2021 INDIVIDUAL CLASS RULES

Reminder - This guide is to be used in conjunction with the current OPBRA reference guide for by-laws and general information

STOCK CLASS

- 1) Age requirement 16 minimum.
- 2) Follow General/Competition Regulations - Drag classes and Safety
- 3) Boat must be a typical standard boat, bass boat, or any other non-competition-built boat. Interiors may be removed.
- 4) Post race weight minimum of 1600 (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc..*)
- 5) Motors:
 - a) Maximum 250 hp, two stroke engine.
 - b) No factory-made high-performance blocks/motors.
 - c) No engine modifications whatsoever. Engines as per factory.
 - d) Rev limiters as per factory settings
 - e) Oil injection may be removed
 - f) Minimum 20" midsection
 - g) Drilled mid/lower permitted. Must retain factory tuner. No Offshore midsection.
 - h) Gearcase must be shiftable from driver's seat F-N-R
 - i) Nose cones permitted
 - j) 12 volt systems only
 - k) Power transom lifts/jack plates must be disabled
 - l) Pump gasoline up to 94 octane only, no additives
 - m) No nitrous oxide systems or power adders
- 6) Class rules may change at any time to allow for equality and growth

2021 INDIVIDUAL CLASS RULES

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FORMULA

- 1) Age requirement 16 minimum.
- 2) Follow General/Competition Regulations - Drag classes and Safety
- 3) Boat must be a typical standard boat, bass boat, or any other non-competition-built boat. Interiors may be removed.
- 4) Post-race minimum weight 1550 lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc..*)
- 5) Motors:
 - a) Factory-rated 225hp max
 - b) No factory-made high-performance blocks/motors.
 - c) Mercury 200XS and 150, 200, 225 ProMax qualifies but must retain factory rev limit.
 - d) No internal modifications to block, pistons, rods and/or front half
 - e) Factory induction systems only
 - f) Carburetor re-jetting allowed, must retain stock carburetors
 - g) Lightweight flywheels allowed
 - h) Compression cranking pressure increase to 145psi max
 - i) ECM re-calibration and aftermarket ECM's allowed (*no "steam wheels" in any form to change fuel curve once launched for competition*)
 - j) Rev limiters may be removed (reference 5, c.)
 - k) Oil injection may be removed
 - l) Minimum 15" midsection
 - m) Gearcase must be shiftable from driver's seat F-N-R
 - n) Nose cones allowed
 - o) 12 volt trim only, no trim computers permitted
 - p) Power transom lifts/jack plates must be disabled
 - q) Pump gasoline up to 94 octane only, no additives
 - r) No nitrous oxide systems or power adders
- 6) Class rules may change at any time to allow for equality and growth

2021 INDIVIDUAL CLASS RULES

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LAKE RACER

- 1) Age requirement 18 minimum
- 2) Follow General/Competition Regulations - Drag classes and Safety
- 3) Boat must have been produced/offered by manufacturer with minimum 2 adult seats. Interior may be removed or reconfigured. No true tunnel-hulls.
- 4) Post-race minimum weight 1500 lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc..*)
- 5) 3.0L+ motors allowed a DBR level 1.1 kit OR slide intake; add additional 100 lbs. (1600 lbs total). Such modifications require tech approval before each race.
- 6) Motors:
 - a) No powerhead modifications
 - b) No external bolt on components permitted.
 - c) Motors must retain stock electronics, as per model
 - d) Aftermarket parts/electronics permitted only if OEM replacement
 - e) No Mercury Drag/S3000 blocks
 - f) Minimum 15" midsection
 - g) Gearcase must be shiftable from driver's seat F-N-R
 - h) Nose cones permitted
 - i) No XR6 gear cases
 - j) Rev limiters may be raised or removed
 - k) 12V onboard electrical systems only
 - l) Trim computers not permitted
 - m) Power transom lifts/jack plates must be disabled
 - n) Pump gasoline up to 94 octane only, no additives
 - o) No nitrous oxide systems or power adders
- 7) Class rules may change at any time to allow for equality and growth

2021 INDIVIDUAL CLASS RULES

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MODIFIED

- 1) Age requirement 18 minimum
- 2) Follow General/Competition Regulations - Drag classes and Safety
- 3) Boat must have been produced/offered by manufacturer with minimum 2 adult seats. Interior may be removed or reconfigured. No true tunnel-hulls.
- 4) Post-race minimum weight of 1400 lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc..*)
- 5) ODBA/DSRA legal pro stock 2.5 - 200 or 225 Pro Max with factory rev limiter retained Post-race minimum weight 1325 lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc..*)
- 6) Motors:
 - a) Internal/external powerhead modifications permitted
 - b) Mercury Drag/S3000 blocks are limited to maximum 180 psi of cranking compression.
 - c) Any type/brand ECU, but no "steam wheels" in any form (to change fuel curve once launched for competition)
 - d) Rev limiters may be raised or removed
 - e) Any midsection permitted
 - f) Any gearcase except SSM
 - g) Nose cones permitted
 - h) 24-volt trim system permitted (*must retain 12-volt activation circuit*)
 - i) Trim computers mandatory with 24V trim. (*Must be outboard purpose-built approved by Safety/Tech with 12V control circuit.*)
 - j) Power transom lifts/jack plates must be disabled
 - k) Race fuel permitted
 - l) No nitrous oxide systems or power adders
- 7) Class rules may change at any time to allow for equality and growth

2021 INDIVIDUAL CLASS RULES

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OUTLAW

- 1) Age requirement 18 minimum
- 2) Follow General/Competition Regulations - Drag classes and Safety
- 3) Any boat except enclosed-capsule cockpits
- 4) Post-race minimum weight 1250 lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc..*)
- 5) Motors:
 - a) Any motor
 - b) Any modification
 - c) Any midsection
 - d) Any gearcase (*except SSM*)
 - e) Any fuel type
 - f) No nitrous oxide systems or power adders

2021 INDIVIDUAL CLASS RULES

Reminder - This guide is to be used in conjunction with the current OPBRA reference guide for by-laws and general information

TRIPLES

- 1) Age requirement 12 minimum.
Special circumstances for 12-15 year old racers - **Both parents must be at the event site to sign minor participant waiver.**
- 2) Follow General/Competition Regulations - Drag classes and Safety
- 3) Approved boats are Flat, V bottom and Tunnel. Hydro or Outrigger hulls not permitted
- 4) Post race minimum competition boat & driver weight 760lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc.*)
- 5) Allowance for smaller displacement, twin cylinder (35-60hp) engines to run at no minimum weight
- 6) Motors:
 - a) For 3-cylinder engine only to maximum 86 cubic inch. (*Must have been a production available engine prior to modifications, 60SST permitted*)
 - b) No tiller style steering
 - c) Ignition timing computers, controllers or like, permitted
 - d) Any midsection and trim permitted
 - e) Gearcase must be shiftable from Drivers seat. F-N
 - f) Allowance for any available gear sets that fit in factory gearcase without gearcase modifications
 - g) Low water pickup, nose cone permitted
 - h) 24V systems permitted
 - i) Trim computers mandatory with 24V trim. (*Must be outboard purpose-built approved by Safety/Tech with 12V control circuit.*)
 - j) Any Gasoline permitted (*No Alcohol, Nitromethane, etc.*)
 - k) No nitrous oxide systems or power adders
- 7) Class rules may change at any time to allow for equality and growth

2021 INDIVIDUAL CLASS RULES

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T-750 OVAL

- 1) Age requirement 12 minimum
Special circumstances for 12-15 year old racers - **Both parents must be at the event site to sign minor participant waiver.**
- 2) Follow General/Competition Regulations - Oval classes and Safety
- 3) Approved Hull Type - Fiber Composite Construction V Bottom. Minimum competition boat dimensions 12'8"L, 4'7"W, 1"3"D
- 4) Cable and Pulley steering recommended. Mechanical or Hydraulic systems permitted.
- 5) Post race minimum weight 594 lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc.*)
- 6) Motors:
 - a) Production Stock And Altered Stock 40hp to 60hp maximum
 - b) 2 cylinder models up to 849cc
 - c) 3 cylinder models up to 750cc
 - d) Mercury 3 cylinder up to 49ci, two carburetor only
 - e) Low emission and 4 stroke models are encouraged maximum 1000cc
 - f) All motors limited to 160 psi compression
 - g) Rev Limiters may be raised or removed
 - h) Any combination or configuration of factory available parts that able stock configuration assembled motors
 - i) Aftermarket parts must be direct replacement
 - j) Air intake may be modified, must retain stock carburetors
 - k) Minimum 15" midsection
 - l) Gearcase must be shiftable from drivers seat F-N-R
 - m) Allowance for any available gear sets that fit in factory gearcase without gearcase modifications.
 - n) Nose cones permitted, NO low water pickups allowed
 - o) 24V systems permitted
 - p) Power transom lifts/jack plates must be disabled
 - q) Pump gasoline up to 94 octane only, No fuel additives or Nitrous Systems
- 7) Class rules may change at any time to allow for equality and growth

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T-850 OVAL

- 1) Age requirement 16 minimum.
- 2) Follow General/Competition Regulations - Oval classes and Safety
- 3) Approved Hull Type - Fiber Composite Construction V Bottom mono-hulls.
Minimum competition boat dimensions 12'8"L, 4'7"W, 1'3"D
- 4) Cable and Pulley steering recommended. Mechanical or Hydraulic systems permitted.
- 5) Post race minimum weight 726 lbs (*includes boat/motor/propeller, running gear, driver, helmet, life jacket, etc.*)
- 6) Motors:
 - a) Production Stock And Altered Stock 70hp to 75hp
 - b) 3 cylinder motors from 850cc to 1000cc
 - c) Low emission and 4 stroke models are encouraged
 - d) All motors limited to 160 psi compression
 - e) Rev Limiters may be raised or removed
 - f) Any combination or configuration of factory available parts that able stock configuration assembled motors.
 - g) Aftermarket parts must be direct replacement
 - h) Air intake may be modified, must retain stock carburetors
 - i) Minimum 15" midsection
 - j) Gearcase must be shiftable from drivers seat F-N-R
 - k) Allowance for any available gear sets that fit in factory gearcase without gearcase modifications
 - l) Nose cones permitted, No low water pickups allowed
 - m) 24V systems permitted
 - n) Power transom lifts /jack plates must be disabled
 - o) Pump gasoline up to 94 octane only, No fuel additives or Nitrous Systems
- 7) Class rules may change at any time to allow for equality and growth