

# **2018 NEW ZEALAND JET BOAT RIVER RACING MARATHON**

## **ADVANCE PROGRAMME**

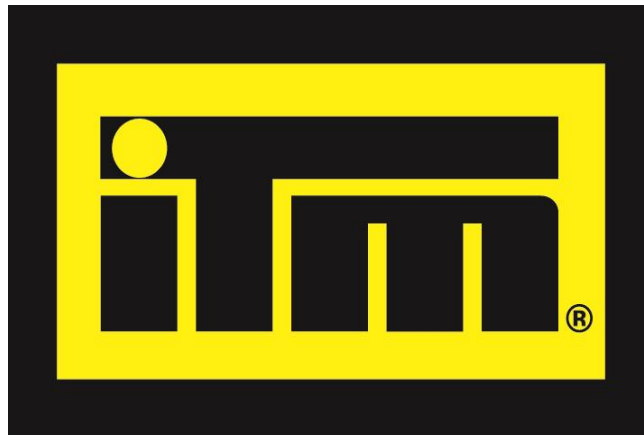
**PRESENTED BY:**

***NZ JET BOAT***



***RIVER RACING*** ASSOC.

Welcome to the **2018 New Zealand Jet Boat Marathon**, sanctioned by the New Zealand Jet Boat River Racing Association, with the support of the Canterbury, Otago & Southland Branches of Jet Boating New Zealand



**PRINCIPAL SPONSOR JET BOAT RIVER RACING**

# REGISTRATION

The entry fee shall be NZ\$2,000.00 *before* Tuesday 9<sup>th</sup> October 2018 and NZ\$2,400.00 per boat *after* Tuesday 9<sup>th</sup> October 2018.

**For Overseas** racers and navigators that need to join the membership of Jet Boating New Zealand (JBNZ) and New Zealand Jet Boat River Racing Association (NZJBRRRA) please make contact with – Steve Woodside – JBNZ, Ph: +64 3 341 8814 Email [Info@jbnz.co.nz](mailto:Info@jbnz.co.nz).

The cost will be an additional \$400.00 for the driver for JBNZ Membership & NZJBRRRA Licence Fees and \$250.00 for the Navigator to join NZJBA & NZJBRRRA. Your total Entry before Tuesday 9<sup>th</sup> October 2018 will be NZ\$2,650.00 or NZ\$3,050.00 after Tuesday 9<sup>th</sup> October 2018.

**The only way you can enter is online going to [www.nzjbrra.co.nz](http://www.nzjbrra.co.nz) under "members" Link: <http://www.nzjbrra.co.nz/race-entry-form/>, Please note race event is the "2018 NZ Jet Boat Marathon" and date is the 30<sup>th</sup> October 2018**

Via Internet Banking

Bank Details

Account Name: River Racing New Zealand

Account Number: 03 1351 0528899 02 (Correct Bank Account Number)

Overseas entries

Bank Details: ASB Bank Rangiora 7400, New Zealand

Account Name: River Racing New Zealand

Account Number: 03 1351 0528899 02 (Correct Bank Account Number)

Swift address: ASBBNZ2A

Entry fee can be paid by credit card, please contact John Derry 021 372 600 or email [nzjbrra@gmail.com](mailto:nzjbrra@gmail.com) There will be a 3% charge on your entry to do this.

Pre-Race Registration & Tech Inspection will take place at ITM Kaiapoi on Tuesday 30<sup>th</sup> October from 4.00pm till 7.00pm. Drivers welcome and briefing is at 6.00pm at Kaiapoi ITM

For all results on this event, please go to our web page at [www.nzjbrra.co.nz](http://www.nzjbrra.co.nz) or for the latest results go to our Facebook page, "New Zealand Jet Boat River Racing Association"

## **Prize Giving**

The cost is \$45.00 per person, this will cover food & venue only. There will be a cash bar at the venue. Every entry to the marathon will receive 2 x tickets, if you want to buy more, you can when you pay your entry, just email Lance Kerr on [lkmech@xtra.co.nz](mailto:lkmech@xtra.co.nz) with the number you have paid for. The last chance to buy tickets for the prize giving is at race registration/tech inspection, but get in early as tickets will be limited.

## 2018 RACE OFFICIALS CONTACT LIST

- **Race Organiser**  
Lance Kerr Ph 027 439 9335
- **Race Controller**  
Tony Ewens Ph 027 293 4566
- **Assistant Race Controller**  
Shane Harris Ph 027 747 2000
- **Race Secretary**  
Bev Owen-Cooper Ph 027 229 4989
- **Starters/Finishers**  
Team 1: Graham & Linda Lister Ph 021 145 3782  
Team 2: John Nuttall & Ph 027 403 3296
- **Computer Time Keeper**  
Shane Harris Ph 027 747 2000
- **Communications** **(Repeater Channel Marine VHF 7)**  
David Wright Ph 027 414 6966
- **Head Tech Inspector**  
Lance Kerr Ph 027 439 9335
- **Launch Warden**  
Graham Lister Ph 027 216 1141
- **Paramedics - Promed**  
Josef Bradac Ph 021 069 4767  
Don Gutsell Ph 021 461 424
- **Patrol Boats**
  1. Lance Kerr Ph 027 439 9335
  2. Tim Guthrie Ph 021 970 536
  3. Jerry Excell Ph 027 208 7302
  4. Ross Forbes Ph 027 432 7066
  5. Aaron Morrison Ph 027 432 7028
  6. Lindsay Divett Ph 027 433 8731
- **Fresh Water Pest Cleaning Checkpoint (Waimak Finish)**  
TBA Ph

## 2018 NEW ZEALAND JET BOAT MARATHON PROGRAMME

**30<sup>th</sup> OCTOBER – 3<sup>rd</sup> November 2018**

**Tuesday 30<sup>th</sup> October**

Registration & Tech Inspection 4.00pm till 7.00pm

At ITM Kaiapoi, 197 Ohoka Rd, Kaiapoi

**Drivers welcome and briefing 6.00pm at ITM Kaiapoi**

All International race drivers and navigators must produce the following valid documents at Race Administration:

1. Current Racing License issued by drivers/navigators National Authority.
2. NZJBRRRA Race License & JBNZ Membership
3. Current First Aid Certificates for Driver & Navigator

All International Competitors will be issued with an NZJBRRRA Race Licence to ensure they are covered under the NZJBRRRA/NZPBF Insurance while competing in NZ. The Licence of record will remain that of their Nationality.

The 2018 NZ Jet Boat Marathon is running under 2018 NZJBRRRA rules in the 2018/19 JBNZ Safety Year Book (pages 108-140) along with the additional rules as per the official 2018 NZ Jet Boat Marathon advance programme.

Refer to electronic entry form competitors checklist and the NZJBRRRA year book pages 114 – 140 for equipment, & page 138 check List.

### **BRING YOUR LOG BOOK**

**Wednesday 31<sup>st</sup> October**

#### **Waiau River**

**River Class:** Class 1, 2 & 3 Shingle/Rocks/Gorges

<b>Leg 1:</b>	<b><u>Upstream</u></b>	SH 1 Bridge to Hanmer Ferry Bridge
<b>Briefing:</b>	8.00 am	SH 1 Bridge (All Classes)
<b>Start Time:</b>	9.00 am	SH 1 Bridge at 1 minute Intervals
<b>Finish Line:</b>	Hanmer Ferry Bridge	Distance approx 105 km
<b>River cleared</b>		11.00 am

#### **Buller River**

**River Class:** Class 1, 2 & 3 Shingle/Rocks/Gorges

<b>Leg 2:</b>	<b><u>Downstream</u></b>	Iron Bridge to Westport
<b>Briefing:</b>	1.30 pm	Iron Bridge (All Classes)
<b>Start Time:</b>	2.00 pm	Iron Bridge at 1 min intervals
<b>Finish Line:</b>	Westport	Distance approx 70 km
<b>River cleared</b>		4.00 pm

**DNF CUT OFF TIMES****Waiau River**

Unlimited: 60 Mins  
 A Class: 65 Mins  
 CX Class: 67 Mins  
 FX Class: 70 Mins

**Buller River**

Unlimited: 41 Mins  
 A Class: 43 Mins  
 CX Class: 45 Mins  
 FX Class: 47 Mins

**Thursday 1<sup>st</sup> November****Grey River**

**River Class:** Class 1 & 2 Shingle/Braided/Rocks

**Leg 3:** **Upstream** Greymouth Rail Bridge to Ahaura River Mouth

**Briefing:** 8.00 am Greymouth Rail Bridge (All Classes)  
**Start Time:** 8.30 am Greymouth Rail Bridge at 1 minute Intervals  
**Finish Line:** Ahaura River Mouth Distance approx 30 km  
**River cleared** 9.30 am

**Leg 4:** **Downstream** Ahaura River Mouth to Greymouth Rail Bridge

**Briefing:** 9.30 am Ahaura River Mouth (All Classes)  
**Start Time:** 10.00 am Ahaura River Mouth Site at 1 min intervals  
**Finish Line:** Greymouth Rail Bridge Distance approx 30 km  
**River cleared** 11.00 am

**Leg 5:** **Upstream** Greymouth Rail Bridge to Ahaura River Mouth

**Briefing:** 11.30 am Greymouth Rail Bridge (All Classes)  
**Start Time:** 12.00 pm Greymouth Rail Bridge at 1 minute Intervals  
**Finish Line:** Ahaura River Mouth Distance approx 30 km  
**River cleared** 1.00 pm

**Leg 6:** **Downstream** Ahaura River Mouth to Greymouth

**Briefing:** 1.00 pm Ahaura River Mouth (All Classes)  
**Start Time:** 1.30 pm Ahaura River Mouth Site at 1 min intervals  
**Finish Line:** Greymouth Rail Bridge Distance approx 30 km  
**River cleared** 2.30 pm

**Leg 7:** **Upstream** Greymouth Rail Bridge to Ahaura River Mouth

**Briefing:** 2.30 pm Greymouth Rail Bridge (All Classes)  
**Start Time:** 3.00 pm Greymouth Rail Bridge at 1 minute Intervals  
**Finish Line:** Ahaura River Mouth Distance approx 30 km  
**River cleared** 4.00 pm

**Leg 8:** **Downstream** Ahaura River Mouth to Greymouth Rail Bridge

**Briefing:** 4.00 pm Ahaura River Mouth (All Classes)  
**Start Time:** 4.30 pm Ahaura River Mouth Site at 1 min intervals  
**Finish Line:** Greymouth Rail Bridge Distance approx 30 km  
**River cleared** 5.30 pm

**DNF CUT OFF TIMES****Upstream**

Unlimited: 27 Mins  
 A Class: 29 Mins  
 CX Class: 30 Mins  
 FX Class: 32 Mins

**Downstream**

Unlimited: 27 Mins  
 A Class: 29 Mins  
 CX Class: 30 Mins  
 FX Class: 32 Mins

**Friday 2<sup>nd</sup> November 2018**

**Taramakau River**

**River Class:** Class 1 & 2 Shingle/Braided/Rocks/

**Leg 9:** **Upstream** Main Rd Bridge to Jacksons or Rocky Point

**Briefing:** 8.30 am Main Rd Bridge (All Classes)  
**Start Time:** 9.30 am Main Rd Bridge at 1 min intervals  
**Finish Line:** Jacksons or Rocky Point Distance approx 45 km  
**River cleared** 11.00 am

**Rakaia River**

**River Class:** Class 1 & 2 Shingle/Braided/Rocks/

**Leg 10:** **Downstream** Rakaia Gorge Bridge to Rakaia Lagoon

**Briefing:** 1.30 pm Rakaia Gorge Bridge (All Classes)  
**Start Time:** 2.00 pm Rakaia Gorge Bridge at 1 min intervals.  
**Finish Line:** Rakaia Lagoon Distance approx 85 km  
**River Cleared** 4.00 pm

**DNF CUT OFF TIMES****Taramakau Upstream**

Unlimited: 36 Mins  
 A Class: 38 Mins  
 CX Class: 39 Mins  
 FX Class: 41 Mins

**Rakaia Downstream**

Unlimited: 53 Mins  
 A Class: 56 Mins  
 CX Class: 58 Mins  
 FX Class: 60 Mins

## Saturday 3<sup>rd</sup> November

### Waimakariri River

**River Class:** Class 1 & 2 Rocks/Braided/Shallows/Trees

**Leg 11:**                      **Upstream**      State Highway 1 Ramp to Waimak Gorge

<b>Briefing:</b>	8.00 am	SH1 Ramp (All Classes)
<b>Start Time:</b>	8.30 am	SH1 Ramp at 1 min intervals
<b>Finish Line:</b>	Waimak Gorge	Distance approx 70 km
<b>River cleared</b>		10.00 am

**Leg 12:**                      **Downstream**      Waimak Gorge to State Highway 1 Ramp

<b>Briefing:</b>	10.00 am	Waimak Gorge (All Classes)
<b>Start Time:</b>	10.30 am	Waimak Gorge at 1 min intervals
<b>Finish Line:</b>	SH 1 Ramp	Distance approx 70 km
<b>River Cleared</b>		12.00 pm

**Leg 13:**                      **Criterium:**      Circuit Race

<b>Briefing:</b>	12.30 pm	Waimakariri Launch Site (All Classes)
<b>Start Time:</b>	1.30 pm	in Groups @ 20 sec Intervals
<b>Finish Line:</b>		Distance approx 30 km
<b>River cleared</b>		4.30 pm

#### DNF CUT OFF TIMES

##### **Upstream**

Unlimited:	48 Mins
A Class:	50 Mins
CX Class:	52 Mins
FX Class:	55 Mins

##### **Downstream**

Unlimited:	48 Mins
A Class:	50 Mins
CX Class:	52 Mins
FX Class:	55 Mins

#### CRITERIUM LEG CUT OFF TIMES

##### **Criterium**

Unlimited:	30 Mins
A Class:	32 Mins
CX Class:	33 Mins
FX Class:	34 Mins

**Prize Giving – Christchurch Rugby Club 6.00 pm**

**Note – All rivers and times are subject to change.**

**Please note: programme is subject to change at the organising committee's discretion.**

## CLASSES

- **Unlimited** above 7701 cc (jet turbines included in this class)
- **A Class** from 0 to 7700 cc
- **CX Class** up to 6424 cc
- **FX Class** up to 5740 cc

### UNLIMITED CLASS

- **Hull:** any shape or material with a minimum length of 16 feet (4.88m)
- **Unlimited:** engine restrictions or modifications, any exhaust c/w mufflers—the use of an efficient muffler is required. The maximum noise level is 95 decibels. It will be compulsory that all boats have one at all times during practice and during the race.
- **Mufflers:** are not required on turbine engines
- **Propulsion:** Any type of jet drive
- **Roll Bar:** Well braced and mounted steel tube (chrome moly or aluminium tube can also be used with the minimum diameters and structure indicated in the rule book).

### A CLASS

- **Hull:** any shape or material with a minimum length of 16 feet (4.88m)
- **Engine displacement:** 0 to 7700 cc— shall not exceed 470 cubic inches (7700 cc)
- **Superchargers, blowers & turbos:** are allowed at 1.8 x cubic inch ratio
- **Mufflers:** the use of an efficient muffler is required. The maximum noise level is 95 decibels. It will be compulsory that all boats have one at all times during practice and during the race.
- **Propulsion:** Any type of jet drive
- **Roll Bar:** Well braced and mounted steel tube (chrome moly or aluminum tube can also be used with the minimum diameters and structure indicated in the rule book).

### CX CLASS

- **Hull:** Any type of hull design and material.
- **Length of the Hull:** The minimum dimensions are 4.88m (16ft)
- **Roll Bar:** Well braced and mounted steel tube (chrome moly or aluminum tube can also be used with the minimum diameters and structure indicated in the rule book).
- **Engine Type:** 8 Cylinder, normally aspirated. ("Naturally aspirated")?
- **Engine:** Chevrolet LS3 (376ci) stock crate engine 480, 515 or CT525
- **Cylinder Bore:** No overbore is allowed. No block can be sleeved in the bore
- **Cylinder Heads:** Factory stock heads, no aftermarket or machining is allowed.
- **No valve seats:** milling head, polishing and/or port work of any kind is allowed.
- **Long Block:** There is to be **NO** polishing, porting, grinding, cutting, filing, sanding or change to the state or shape of any factory casting, forging or material used in the engine.
- **Oil Pump:** No dry sump or vacuum pumps are allowed.
- **Oil Pan, Valve Covers and Fluid Damper:** Any Type, the oil pan can be of a larger capacity.
- **Ignition/Distributor:** Any type.
- **Intake Manifold:** No aftermarket intake manifolds are allowed. No port matching on the intake manifold is allowed.
- **Carburetor:** Any type or the factory crate engine fuel injection system are allowed.
- **Fuel Injection:** Factory GM manifold with aftermarket throttle body



- **Mufflers:** the use of an efficient muffler is required. The maximum noise level is 95 decibels. It will be compulsory that all boats have one at all times during practice and during the race.
- **Engine Rebuilding:** In situations where the integrity of the motor has been compromised a rebuild is allowed. This requires the use of factory parts with part numbers matching those of the crate motors parts list. All work is to be undertaken leaving all tolerances within normal factory guidelines. There is still NO machining allowed.
- **Random testing:** of engines will take place.
- **Fuel:** Gasoline only. AV gas is allowed to be used in this class
- **Propulsion:** Any type of jet drive, it can be modified.

## FX CLASS

- **Hull:** Any type of hull design and material.
- **Length of the Hull:** The minimum dimensions are 3.96m (13ft)
- **Roll Bar:** Well braced and mounted steel tube (chrome moly or aluminum tube can also be used with the minimum diameters and structure indicated in the rule book).
- **Engine Type:** 8 Cylinder, normally aspirated. ("Naturally aspirated")?
- **Engine:** Chevrolet ZZ4 Crate Engine (part number 24502609) with a maximum displacement of 5740cc or the ZZ5 Crate Engine (part number 19301294) with a maximum displacement of 5740cc or the CT350 Crate Engine (part number 19258602) with a maximum displacement of 5740cc or the SP350 Crate Engine (part number 19333157) with a maximum displacement of 5740cc. **NOTE –** Factory upgrade kits are not allow to be run, no roller rockers.
- **Cylinder Bore:** No overbore is allowed. No block can be sleeved in the bore
- **Cylinder Heads:** Stock GM ZZ4, SP350 cast aluminum or CT350 Vortec Iron, no aftermarket cylinder heads are allowed. No valve seats, milling head, polishing and/or port work of any kind is allowed.
- **Long Block:** There is to be **NO** polishing, porting, grinding, cutting, filing, sanding or change to the state or shape of any factory casting, forging or material used inside the engine.
- **Oil pump:** no dry sump or vacuum pumps are allowed.
- **Oil Pan, Valve Covers and fluid damper:** Any type, the oil pan can be of a larger capacity.
- **Ignition/Distributor:** Any type.
- **Intake Manifold:** No port matching on the intake manifold is allowed.
- **Carburetor:** Any type not exceeding 750 CFM
- **Mufflers:** the use of an efficient muffler is required. The maximum noise level is 95 decibels. It will be compulsory that all boats have one at all times during practice and during the race.
- **Engine Rebuilding:** In situations where the integrity of the motor has been compromised a rebuild is allowed. This requires the use of factory parts with part numbers matching those of the crate motors parts list. All work is to be undertaken leaving all tolerances within normal factory guidelines. There is still NO machining allowed. No swapping of engine parts from one crate engine to another, for example ZZ4 heads onto a CT350. Factory upgrade kits are not allow to be run, no roller rockers.
- **Random testing:** of engines will take place
- **Fuel:** Gasoline only. AV gas is allowed to be used in this class
- **Propulsion:** Any type of jet drive

# RULES

In order to contend for the NZ class titles, awards and trophies, the winner must have completed at least 75% of the race legs. For the overall awards, the winner must have run 100% of the distance of the race legs and not incurred a DNS or DNF.

This event is run under 2018/2019 NZJBRRRA rules and the special event rules contain in this advanced program.

UIM anti-doping rule applies and all drivers will be asked to confirm this at registration for the event.

## 1. RACING LICENCES

- No person may take part in a race without holding and presenting a current approved NZJBRRRA Race License, current medical certificate, First Aid Certificate and Log Book (Log Book applies to NZ racers only)
- An approved race Licence is a current NZJBRRRA Race Licence, or overseas competitors UIM International Licence, or a valid Jet Boat Race Licence issued by their National Authority.
- All International teams, including driver, navigator and crew, must produce their National Authority Membership cards and driver must produce their racing licence
- Drivers/Entries release letter in A and the UNLIMITED Racing Classes must include Certification that they have the racing experience, capabilities and medical condition to race in these classes.
- All Drivers must abide by the UIM Anti Doping Rules.
- All drivers must be at least eighteen (18) years of age. Crew must be at least sixteen (16) years of age.
- **All Driver & Navigators in NZJBRRRA sanctioned events must hold current membership of JBNZ and NZJBRRRA and hold a current approved first aid certificate.**

## 2. DISTINCTIVE MARKS

- Official sponsor's decals where supplied by the organisers, must be securely fixed to the boat and legible as directed for the duration of the race/event.
- Race numbers must be **at least 300mm** in height with class letter three quarters of the number size on a white block background or reverse. Stylized numbers are acceptable but must be legible and readable. NO EXCEPTIONS. Final discretion will be with the Tech inspectors and/or Race controller
- Numbers to be placed amidships on each side of boat (and not obscured by water outlets or such like) plus on the foredeck (Foredeck numbers to read from the front of the boat).
- **Clear and legible boat race numbers** must be displayed on the side and rear of the boat trailer and also **on the windscreen of the tow vehicle on the left hand side**

## 3. SCRUTINEERING PROCEDURES

- The race controller has the authority, after the finish of the race to order contestant(s) to dismantle the motor for inspection/measurement and or cc test with meter. If such action indicates the correct displacement for the class entered, the race organizers will not be liable for any cost if your motor is pulled down. Should a test determine a motor is outside the limits of the class entered, then that competitor will be disqualified from the event.
- Any boat that is involved in an accident must be re-inspected by the Technical officer. It is the responsibility of the competitor to ensure that this is done.
- Pantiles may be handed out if the boat does not come up to scrutineering standards

## 4. ENGINE CHANGE RULE

- Engine Change Rule B. Any team changing an engine during the course of the marathon will be assessed a DNS for the next leg. Any team changing an engine without showing a catastrophic failure and receiving the prior approval of the Race Controller, Assistant Race Controller or Tech Inspector will be disqualified. Engines will be stamped prior to the event starting.

## 5. SAFETY EQUIPMENT

- A NZ Standard (verifying label/s attached) Life Jacket with a crutch strap must be worn by all crew at all times when the boat is in the water. It is the sole responsibility of the wearer to ensure the efficiency and type of life jacket worn is appropriate to its intended use.
- Helmets; Each person aboard a race boat must wear an approved helmet suitable for boat racing that is either red, yellow, orange or white colour, which complies with an equivalent NZ Standard. The wearer is entirely responsible for the efficiency of their helmet.
- Orange Distress flag - minimum size 600mm - 600mm attached to a handle.
- No black flag to be carried in any of the race boats
- All race boats must have the appropriate extinguishers fitted for the fuel being used. This is the crews responsibility to check they have the appropriate extinguishers fitted.

## 6. PERSONAL SAFETY

- Each crew of a race boat shall carry on their person.
- Thermal blanket in a water proof container
- Highly recommended all crew to carry on their person a resuscitation face shield.
- Driver or Navigator must carry a personal EPIRB/PLB on them
- **VHF Radios. Each boat competing in any race must have an operative Marine VHF radio (minimum 3 watt handheld) on board. This must be set on International and High frequency**

## 7. GPS

- **The use of GPS or any electronic navigation tracking, data logging device for any reason whilst racing is prohibited. GPS is for speed only, if used for anything else while racing you will be disqualified.** Where a racer chooses to carry a GPS for emergency location purposes or trip information, the device must be stowed away.

## 8. NOISE

- All boats must be silenced to 95 dba as per JBNZ Inc. testing procedure. All boats may be tested at random during an event. Penalties: 98.1 - 99.9 dba: + 15% leg time; 100dba +: up to DNS penalty for that leg. Any further failure to comply will result in disqualification from the event. (Consideration may be given in the case of mechanical failure).

## 9. REFUELING

- All boats must be removed from the river to the Refueling area **designated by the race organisers for the refueling**. Only boats & support vehicles race crews are allowed in this area. Smoking or naked flames are totally prohibited in the refueling area. A race boat is not permitted to refuel on a leg, which is open to racing. Fuel can only be carried in a race boat in approved fixed tanks or containers. No children under the age of 14 are allowed in the refueling area.

## 10. OVERTAKING/PASSING

- Any boat that is overtaking another boat must do so in a safe and courteous manner or it will be assessed a penalty of 15 minutes up to disqualification from the event. There are times when the channel is not wide enough for passing and safety must prevail.
- Any boat wishing to overtake must adhere to the Official Passing Rule, which is - The navigator in the boat wishing to overtake is to raise his arm and keep it raised until acknowledged by a crewmember in the other boat. This does not mean that the driver has to delay his passing manoeuvre.
- It is the responsibility of the boat being overtaken to watch for passing craft and to make every effort to give these boats a clear passage by slowing down and moving to one side of the race line. Strict adherence to the passing rule will be followed. Any boat being overtaken must give way, slow down, and let the passing boat through.

## **11. FINISHING RULES.**

- A boat must cross the finish line under its own power to receive an elapsed time for that leg. The motor is the only means of power to achieve this and utilising the current of the water to drift, other assistance or the rowing action of the crew is not permitted.
- Any boat which is towed from aground, or along any portion of a leg, and subsequently finishes the leg under its own power, will be penalised a DNF for that leg. Help from aground, by way of pushing by fellow competitors, patrol boats as listed in this program or spectators (using "manpower" only) acting in a sportsmanlike manner and is not premeditated, is acceptable. Getting help from helicopter's either tow or a push from the helicopter crew will result in a DNF for that leg.

## **12. DNF/DNS**

- The time which will be given to the boats which do not start (DNS) or to the boats which finish after the finish line is closed; or the ones which start and not finish (DNF), will be the time of the slowest boat of their class for that leg which finished within the allowed time, plus the time penalties
- The penalty for a DNS will be the slowest time in class plus 30%
- The penalty for a DNF will be the slowest time in class plus 10%.

## **13. POST RACE INSPECTION PROCEDURE**

- UIM Rule 900.7.4/5/6 - Post race engine inspection is mandatory for 1st, 2nd, & 3rd placed boats in the CX & FX Crate Motor Classes. The 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> boats in CX & FX will be side lined straight after the race finishing and directed to the pull down area. Any post-race engine inspections for other CX, FX & A Class boats will be at the Race Controllers Discretion.

## **14. PROTEST FEES**

- Any team wishing to lodge a protest must lodge their initial protest before the next day's first briefing verbally or written with the Race Controller once protest is accepted, each protest must be received in writing in accordance with the UIM rules. Each protest shall be accompanied by a protest fee of NZ\$500.
- The protest fee will be refunded should the protest be decided in favour of the team lodging the protest.
- Protests will be adjudicated by the Protest Jury.
- Video footage from Gopro or similar can be used as evidence in events or protests

## **15. MEDIA/PUBLICITY**

- All Media and publicity to be allowed only through and arranged by the Race Committee and its Media/Marketing director, Paul Mullan from Black Magic Media. All racers participating in filmed interviews will wear the major sponsoring company's hat.

## **16. HELICOPTERS**

- Any race team that has a Helicopter following them for the event must advise this on their entry form when submitted. All Helicopter pilots will be required to attend a safety briefing. If a race team organises a helicopter to follow them part way through the event they must advise Race Control and the safety helicopter captain for a safety briefing.

## **17. OUTSIDE ASSISTANCE**

- Any boat which is towed from ground, or along any portion of a leg, and subsequently finishes the leg under its own power, will be penalised a DNF for that leg. Help from aground, by way of pushing by fellow competitors, patrol boats as listed in this program or spectators (using "manpower" only) acting in a sportsmanlike manner is acceptable.

## **Important Notes**

**All Race Boats and Pleasure Boats are required to go through the cleaning stations to clean for fresh water pests if required. This will be up to the boat owner to clean their boats themselves.**

### **Race Fuel**

The Race Committee will not be supplying any fuel. Fuel is available at various airports around the region.

The maximum amount of flammable liquids other than the fuel in your fuel tanks you can cart externally is 250 litres for recreational use All Containers/Drums must be well secured at all times.

### **Boat Video Cameras**

All race boats must carry a GoPro or similar, it is up to the boat team to operate their own camera. The RRA will require access to each day's footage for safety, media and protest purposes. One GoPro camera must face forward giving clear view of the dash and all gauges. Race officials, race team members or any person involved with the event are prohibited from posting any photos, video clips or comments that could bring the sport into disrepute on Social Media or the Web.

### **Accommodation**

All accommodation is up to the competitor to sort, you will want to get in as soon as possible as some towns are very busy.

### **GPS**

The use of GPS or any electronic navigation tracking, data logging device for any reason whilst racing is **PROHIBITED**. GPS use is for speed only, if used for anything else while racing you will be disqualified. Using a GPS to mark points/hazards on the river is also prohibited, pace notes are allowed but no GPS assistance. Where a racer chooses to carry a GPS for emergency location purposes or trip information, the device must be stowed away out of view from both driver and navigator.