



Race Team Registration Packet

Hosted by: Northwest River Runners, Rogers Toyota Scion, Peters & Keatts Equipment, & Epic Motorsports Consulting Group, L.L.C.

Sanctioned by: American Power Boat Association

With the much appreciated support of: Hells Gate State Park, Department of Parks, Nez Perce County, Nez Perce County Sheriff's Dept., Asotin County, Asotin County Sheriff's Dept., Bureau of Land Management, Idaho Dept. of Fish & Game, City of Lewiston, City of Clarkston, City of Asotin, U.S. Coast Guard, Washington Dept. of Fish & Game, Idaho Dept. of Fish & Game

Itinerary:

All times are Pacific Daylight Savings Time.

The official schedule is subject to change based on weather or other unforeseen circumstances.

*****ALL TESTING OF RACE BOATS MUST BE DONE ON THE CLEARWATER RIVER. PRE-RUN BOATS & FAMILY BOATS ONLY ON THE SNAKE RIVER PRIOR TO THE RACE.*****

THURSDAY

6:00 p.m.

Mandatory Race Volunteer Briefing, t-shirt, name badge & Wristband check-in at Rogers Toyota Scion upstairs conference room. APBA scorers, flaggers & timers training UPSTAIRS IN DEALERSHIP
**There are many entertainment options while in town! You can attend if you want the Hot August Nights Show & Shine, 3-8 p.m. at Rogers Toyota Scion, this is optional & not an official race event. If you choose to attend, race teams are welcome to display your race boat at your discretion.

FRIDAY, AUG. 28

4p.m. – 8p.m.

Technical Inspection & Registration,
Clearwater River Casino & Resort Event Center
500 Nez Perce Rd., Lewiston, ID 83501
Show & Shine Boat Show in the Event Center
(All race boats are inside) Food & Refreshments will be available for purchase!
Meet race fans! Sign Autographs! Pose for photos!
Official Thunder on the Snake race apparel for sale!

SATURDAY, AUG. 29

(There will be a brief driver's meeting prior to the start of each race leg both race days.)

8 a.m. Driver's Meeting at Hells Gate Hot Pit area
9 a.m. Leg 1, Race Hells Gate Marina to Bear Bar (mass start per class)
10:30 a.m. Driver's Meeting at Bear Bar
11 a.m. Leg 2, Bear Bar to Hells Gate Marina
Lunch Break
1 p.m. Driver's Meeting at Hells Gate Hot Pit area
2 p.m. Leg 3, Circuit Races begin Unlimited Class UP & A (mass start)
Hells Gate Marina to Three Mile Island to turn before Southway Bridge (3 laps per class)
3 p.m. CX & FX Class mass start

SUNDAY, AUG. 30

9 a.m. Driver's Meeting at Hells Gate Hot Pit area
10 a.m. Leg 4, Hells Gate Marina to Bear Bar
11:30 a.m. Driver's Meeting at Bear Bar
Noon Leg 5, Bear Bar to Hells Gate Marina
5 p.m. Awards Celebration at Red Lion Hotel.

Events, Registration & Technical Inspection:

Technical Inspections & Registration will be held on Aug. 28 from 4 p.m. to 8 p.m. at the Clearwater River Casino & Resort.

*Each team must be prepared to pay entry fees, etc. in USD cash or check at registration. Checks are to be made payable to: Northwest River Runners.

*Each team must first complete its technical inspection and bring the signed form to registration area on Aug. 28. Teams that complete Early Bird Registration must also complete technical inspection and bring the form to the registration area before 7 p.m. on Aug. 28.

*Each team must show APBA membership card or proof of membership. The option to purchase an APBA membership will be available at registration. Canadian teams in good standing may show their current CBF card for reciprocity membership and insurance. Single event memberships are also available for purchase.

*Teams must complete signed waivers at registration and wear wristbands for the entire duration of the race. Each team will be limited to a total of four (4) wristbands. Extra wristbands are \$5 per wristband and must sign in on Friday with your team. Each person must be present to sign the form. Only these team members will be permitted in the hot pit areas.

*Must show proof of current year physical through 2015 for both driver and navigator.

*Each boat must be equipped with all the items required on the "Race Boat Checklist" included with this packet.

EARLY BIRD registration - \$350 per boat. Entry form and ENTRY FEE must be paid prior to Aug. 15.

to receive early bird discount. \$500 per boat after Aug. 15. The Entry Form is included in this packet. Mail everything to Northwest River Runners at the address on the entry form or scan the completed form & email it to Cathy Fuller, cfuller@cablone.net.

Each team should be prepared to pay \$5 per day for a Hells Gate Park pass for each vehicle.

Registrations and entry fees will be accepted up to 1 hour prior to the driver's meeting on Aug. 29. The driver's meeting on Aug. 29 will be held at 8 a.m. at Hells Gate Marina Hot Pit area. Drivers and Navigators must have a valid APBA membership in order to race. APBA memberships or single event memberships are not included in the entry fee.

The Show & Shine Boat Show is **mandatory** for all participating race teams. This event begins at 4 p.m. at the Clearwater River Casino & Resort.

Thank you for your participation in this fan favorite event! We respectfully suggest you bring pens to sign autographs. Fans may ask to have their pictures taken with teams.

Fans may also ask if they can sit in your boat. We respectfully recommend each team decide how they want to handle fan requests prior to this event.

INVASIVE SPECIES STICKERS:

PLEASE NOTE:

Any boat, both motorized and non-motorized, entering the waters of Idaho is required to contribute to the Idaho Invasive Species Fund (IISF). The Idaho Department of Agriculture is responsible for management of the IISF program. The fees generated from the sale of IISF stickers will fund vessel inspections, washing stations and informational materials that will assist Idaho with preventing the introduction of aquatic invasive species. For more information please go online:

http://www.agri.state.id.us/Categories/Environment/InvasiveSpeciesCouncil/IISF_FAQ.php

Epic Motorsports Consulting Group, LLC is a registered vendor and will have stickers available at Lewiston through the race dates. Please call Kyla Sawyer (208) 890-3868 if you need to purchase stickers prior to registration. Stickers will also be available at registration on Aug. 28. Stickers are not included in the entry fee.

Media:

Media and publicity may be arranged by Media Director, Kyla Sawyer.

All racers participating in filmed interviews please wear your major sponsoring company's hat, etc.

Please feel free to contact Kyla (208) 890-3868 for assistance with media or fan requests. MT Actions Photography generously donated photography for the Official Race Program.

If your boat has changed significantly in the last year (for example, new boat or new paint/number) please email a side profile photo of your boat immediately to epicmotorsportskyla@gmail.com to be used in the fan program.

Regulations:

2015 APBA safety and general racing rules and U.S. Jet River Racing Class Rules & Regulations racing guidelines will be followed.

All in-boat competitors must be at least 18 years of age.

All in-boat competitors must have either a full racing APBA membership if a legal resident/citizen of the United States of America; or have an APBA single event membership if not a legal resident/citizen of the USA.

Valid membership in the CBF for Canadians is reciprocated.

Single event APBA memberships will be available at registration.

All drivers & navigators must have a current medical physical either FAA Class 3 or DOT for US racers, a CBF medical for Canadian drivers, or a National Authority medical form for other countries (a copy of the same will serve the purpose for this event) (**see UIM Safety Rules 205. 01, 02, 03, 04**)

Motors of the 1st, 2nd and 3rd place boats in each class will be subject to tech inspections immediately after the last leg of the race. Please proceed to the Hells Gate Marine Hot Pit area immediately after the last leg for inspection.

The winner for each jet class must have completed at least 75% of the race legs. For the overall award, the winner must have run 100% of the distance and race legs!

Race Fuel:

Race fuel will not be provided.

Race fuel is available at:

Thiessen Oil Company, 815 Snake River Ave., Lewiston, ID

Protests:

All protests must be accompanied by \$500 and must be submitted to the Race Referee within 30 minutes from the last boat's finish time each day.

Do not speak to the scorers, timers or flaggers regarding your times or a penalty will result.

2015 Race Class Rules

US Jet River Racer Series

*As unanimously approved by teams in attendance at the Fall 2014 USA Jet River meeting, the 1st, 2nd & 3rd place winners for all Race Classes below Unlimited Jet Class will be volume checked and or bore scope inspected upon the completion of each race in the U.S.A. 1 Series. If either inspection indicates a rule violation, further teardown will be required. The boat's race crew will tear down the engine of the boat in question at the referee and technical inspectors discretion. All spec engines will be checked in a tear down for parts that exceed the manufacturer's specifications. Please read the complete 2015 U.S. Jet River Racing Series Regulations for cost & penalties associated with the tear down process.

American Turbine Unlimited Jet Class – 300 Series Numbers (U 300)

- ❖ Hull any shape or material with a minimum length of 16 feet (4.88 m)
- ❖ Unlimited engine restrictions or modifications, any exhaust c/w mufflers
- ❖ Any engines not specified in class A or UP
- ❖ Propulsion – jet drive (Turbine engines, mufflers not required)
- ❖ Roll Bar/Cage – well braced and mounted Chrome moly recommended

Valley Electric UP – Unlimited Piston Jet Class – 300 Series Numbers (UP 300)

*This is a local class. Not U.I.M.

- ❖ Unlimited V8 automotive block class
- ❖ Hull any shape or material with a minimum length of 16 ft. (4.88 m)
- ❖ Any V8 engine not specified in Class A
- ❖ Oxygenated fuel allowed
- ❖ Canadian Unlimited Spec in this class
- ❖ Any modification is legal including blowers, super chargers and turbos.
- ❖ Propulsion – jet drive
- ❖ Any exhaust c/w mufflers
- ❖ Roll Bar/Cage (well braced and mounted) Chrome moly recommended
- ❖ If there are less than three (3) entries the class will be combined with Unlimited but scored separately.

Gateway Trailers A Jet Class – 200 Series Numbers (A 200)

- ❖ Hull any shape or material with a minimum length of 16 feet (4.88 m)
- ❖ Engine displacement shall not exceed 470 Cubic inches (7700cc)
- ❖ Older A,B and C engines in this class.
- ❖ Oxygenated fuel allowed
- ❖ Superchargers, blowers and turbos are allowed at 1.8 x cubic inch ratio
- ❖ Engine shall use gasoline for fuel, any exhaust c/w with mufflers
- ❖ Propulsion – jet drive
- ❖ Roll Bar/Cage (well braced and mounted) Chrome moly recommended

Outlaw Eagle Manufacturing CX Jet Class – 100 to 200 Series Numbers (CX 100 – CX 200)

- ❖ Hull any shape or material with a minimum length of 16 feet (4.88m)
- ❖ **Stock Crate Engine** shall be GM (LS3 Engines 376 cu. in.) 480, 515 or CT525
- ❖ Any cfm carburetor, or fuel injection engines with gasoline for fuel, normally aspirated only.
- ❖ Stock crate intake manifold, no port matching on intake or heads, any valve covers
- ❖ Repaired engines must use GM parts pertaining to that engine.
- ❖ Any oil pan (no vacuum or dry sumps allowed), any ignition or distributor, any valve cover.
- ❖ No overbore, no sleeves, no grinding no cutting, no filling, no milling or porting, no balancing or engine modifications allowed, untouched factory heads only
- ❖ Modified cooling systems allowed, air/water bleed ports can be enlarged or added, with or without water pump.
- ❖ **No oxygenated fuel allowed.**
- ❖ Any exhaust c/w mufflers “SPORATIC TESTING”
- ❖ Propulsion – jet drive
- ❖ Roll Bar/Cage (well braced and mounted) Chrome moly recommended

Clearwater River Casino & Lodge FX Jet Class – 01 to 99 Series numbers (FX 99) -
- Crate Motor Class

- ❖ Tunnel hull any shape or material with a minimum length of 16 feet (4.88m) or V bottom/
Step tech hull any shape or material with a minimum length of 13 ft. (3.96 m) No glass windshields
- ❖ Engine – GM ZZ5 400 HP CRATE engine.
- ❖ Engine – GM ZZ4 355 HP CRATE engine (GM long block part number 24502609) will follow U.I.M. rule/s approved at Oct. 25, 2014 meeting.
- ❖ Engine repairs must meet OEM specifications & weights and use GM parts pertaining to that engine No roller rockers allowed and no porting, balancing, port matching or modifications; no overbore allowed, no sleeves, no milling, no valve seat modification, untouched factory heads only.
- ❖ Any ignition system, Any oil pan (no dry or vacuum sumps) any valve covers, Stock GM intake manifold “SPORATIC TESTING”
- ❖ Carburetor – 750 cfm maximum & 1” spacer thickness maximum 3 gaskets (0.60)
- ❖ Exhaust - any exhaust system allowed c/w mufflers
- ❖ Engine shall use gasoline for fuel - **No oxygenated fuel allowed.**
- ❖ Propulsion – jet drive
- ❖ Roll Bar/Cage (well braced and mounted) Chrome moly recommended

2015 U.S. Jet River Racing Series

Regulations:

1. UIM rules for Jet River Marathon Racing will apply unless there is a more restrictive APBA General Safety or General Racing rule.
2. Boat drivers and navigators must have an APBA membership either full year or single event. International drivers will have their National Authority membership plus a minimum of an APBA single event membership.
3. All racers must have a Boat Operators License from their respective state or province, if required in their state or province of residence.
4. All racers, drivers & navigators must have a current medical physical either FAA Class 3 or DOT for US racers, a CBF medical for Canadian racers, or a National Authority medical form for other countries.
5. APBA/UIM Anti-Doping Alcohol rule in effect. Disqualification will be issued with a reading above **0.00** blood alcohol level. Any race or safety boat driver(s) and race officials must comply with APBA/UIM anti doping rules and regulations prior and during the event hours. Violation of this rule by any of the race driver(s) will result in the disqualification and or sanctions according to APBA/UIM Anti-Doping rules. For Race Official(s) they will be suspended from their duties for the remainder of the event. All drivers prior to the event must sign the Acknowledgement and Agreement letter. This ruling also applies to all participants in the designated hot pit area.
- 6. Absolutely no image recording devices can be attached to helmets.**
7. Participants must wear closed toe shoes in the hot pit area.
8. The upper fifty percent of the helmet must be a solid color of orange, international orange, yellow, red or fluorescent yellow/lime green. Green helmets are not legal. The wearer is entirely responsible for the efficiency of their helmet.
9. All race numbers must be 24 cm x 4 cm white on black, black on white or strongly contrasting color with 4 cm border.
10. All rotating parts must be guarded if reachable while belted into seats unless boat has a bulkhead.
11. No penalties for engine changes.
12. All race boats must have two rear view mirrors.
13. No black flags should be carried in any race boat.
14. GPS is allowed-Only small (maximum 5 inch screen or display / measured diagonally as originally manufactured) will be allowed. Mounted GPS must be in front of the navigator (facing the navigator) or if hand held must be under the control of the navigator at all times.

15. Fueling on an open leg is prohibited. Fueling while the boat is in the water is prohibited. A boat can only be fueled on the trailer 100 ft. from the water.
16. Any repairs to CX and FX class crate motors must use OEM parts. No over bores.
17. Any racers caught cheating on UP, A, CX or FX motors will be permitted to race with proper entry fees and registration completed, however they will not be eligible to receive any U.S.A. 1 Series points, nor will they be eligible for any race trophies or prize monies for one year.
18. In the event of a protest, if an engine is determined to not be legal under U.S. Jet River Race Class Rules & Regulations, the boat owner will be entirely responsible for all engine tear down expenses. If the engine is found to be legal under U.S. Jet River Race Class Rules & Regulations, the boat's owner in question will receive 50% of the protest fee as specified in the race competition's advanced program. The sanctioned club hosting the race will retain the other 50% of the remaining protest fee.
19. For engine tear downs all gaskets at owner's expense.
20. All boats must be off step in the designated staging area.
21. Race fuel will not be provided.
22. In order to race all boats must be equipped with all items on the **attached checklist**.
23. Crew Assistance: Boats can be assisted by their crew to make any necessary repairs to the boat and/or engine during the race as long as not on an open leg.
24. A Drivers Meeting will be held prior to each race leg of the race at the indicated time. If the race leg has time cuts, it will not be necessary to have a Driver's Meeting before each section, unless the Race Committee determines to be unnecessary. This will have to be indicated in the initial Drivers Meeting.
25. If the starting procedure is stopped for any reason, a red flag must be displayed by the Starting Officials at the Starting Line during at all times, the Race Director must be informed. When the racecourse is reopened, the racing starting procedure will be re-assumed within the next minute, and the procedure will be according to Rule 900.9.5 (a White Flag will be displayed for a minute and the last ten seconds a Green Flag will be raised). The boat that was last in the staging area will then start, the Starting Officials will keep track of all the new starting minutes of the remaining race boats.
26. Roll Bar: All boats must have a well-structured steel chrome-moly or aluminum roll bar. It is recommended that they modify their roll bar into a roll cage or the structure of the hull conforms like a crash cockpit. It is also recommended that the steering wheel column be attached to the roll cage and/or to the structure of the hull. For 2015 all jet boats in all racing classes must have a roll cage and/or a well-structured crash cockpit. Refer to UIM Rule 900.15.2 for construction of roll bar/cage.

27. The time which will be given to boats which do not start (DNS) or to the boats which finish after the finish line is closed; or the ones that 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 calculated based on the following ADJUSTMENT FACTORS: DNF = x1.10, DNS = x1.30.
28. The minimum age for a crew member (driver or navigator) is 18 years old. A younger crew member (16 years or older) can race with written permission of their parents or guardians.
29. The minimum age to be on a safety/rescue or sweep boat is 18 years old.
30. The life jacket and helmet must be worn by everyone in a race boat at all times while the boat is in motion under its own power, this implies during racing, testing or tuning. Violation of this rule will result in a fifteen-minute penalty.
31. The crew of the boat must remain in their seats at all times during the race. It is not allowed for a member of the crew to be on the bow of the boat at any time during the race. Failure to abide by this rule will result in a penalty of fifteen minutes.
32. Scoring Points: The APBA/UIM points structure by order of finish is listed below:

1 st =400pts.	2 nd =300	3 rd =225	4 th =169	5 th =127
6 th =95	7 th =71	8 th =53	9 th =40	10 th =30
11 th =23	12 th =17	13 th =13	14 th =10	15 th =7
16 th =5	17 th =4	18 th =3	19 th =2	20 th =2

33. The procedure for compiling the USA-1 title is the team that accumulates the lowest time, in the same class, for all races in the season including penalties. The team must start at least the first leg of each event. Drivers must first sign the 2015 U.S.A. A.P.B.A. Rules Agreement prior to the start of the first series race to be eligible to compete in the USA-1 Series. Titles will be awarded for the following placements:

Overall 1st, 2nd, 3rd place: USA-1, USA-2, USA-3

Unlimited 1st, 2nd, 3rd place: US-U1, US-U2, US-U3

UP 1st, 2nd, 3rd: US-UP1, US-UP2, US-UP3

A 1st, 2nd, 3rd: US-A1, US-A2, US-A3

CX 1st, 2nd, 3rd: US-CX1, US-CX2, US-CX3

FX 1st, 2nd, 3rd: US-FX1, US-FX2, US-FX3

USA-1 points questions contact Larry Darneille (541) 479-0985.

2015 US Jet River Racing Series

Race Boat Check List

(2) Paddles	
(1) 3/8" x 50' rope with attached hull/float device	
(1) 1/2" x 50' rope for towing	
(1) 16" x24" Red Flag	
(1) 16" x 24" Yellow Flag	
(1) First Aid kit	
(1) Tool Kit with Tools	
(2) 2.5 lb. Certified (1yr.) Fire Extinguishers (2) 5 lb. recommended on US boats (U.I.M. rule effective Oct. 25, 2014)	
(2) Racing Life Jackets C/W Leg Straps	
(2) Snell Rated Helmets, Upper Half Orange, Yellow, Fluorescent Red, Fluorescent Yellow/Lime	
Fuel Tanks Secured and Grounded	
Bulkhead/Guards (if rotating parts are reachable when belted in)	
Throttle Return Spring	
Blower Fan (Enclosed Engines)	
Whistle	
Bail Bucket	
Flame Arrestor / Air Breather	
Battery Disconnect-3" red triangle sign accessible to racing crew	
Fire Retardant Clothing	
Water Outlets- Horizontally or Downward	
Stop Watch	
Roll Bar (well braced)	
Steering Cables- center of hull or securely anchored	
Mufflers	
4 Point Seat Belts with quick release & tether connection between belt release	
Cutter for Seat Belts, taped to dash	
Engine Restraints-3 point mounts on pump	
(2) Mirrors (rear view)	
9" x 1.5" Boat Number/ Class Letters	
Boat Drivers License (National Authority)	
GPS Hand Held 5" Inch Screen, measured diagonally	
TECHNICAL INSPECTOR SIGNATURE:	
RACE CLASS BOAT INSPECTED FOR:	

2015 Race Officials:

APBA Referee
APBA Assistant Referee
Race Director
Risk Manager
Medical Director
Hells Gate Hot Pit Dir.
Technical Inspector
Chief Scorer & Media Director
APBA Scorer
APBA Scorer
APBA Scorer
Timers & Flaggers:

Bear Bar Hot Pit Dir./Communications
Computer Scoring
Safety Boat Directors
Sweep Boat Captain
Official Photographer

Jim Fuller
Larry Darneille
Gary Weaver
Janeen Eggebrecht
Dr. Adam Jelenik
Joe Elizarde
Rich Rogers
Kyla Sawyer
Cathy Fuller
Linda Elizarde
Glenna McClure

Eric Schurman

Darin Krause
Tim Wilmot
Tony Yost/Chad Schatz

Maurice Trudeau

2015 THUNDER ON THE SNAKE Entry Form

Early Bird Registration \$350 USD.

Entry Form AND Entry Fee must be received by Aug. 15.

At Registration \$500 USD, AUG. 28 at Clearwater River Casino & Resort,
Lewiston, Idaho.

Mail: Cathy Fuller
Northwest River Runners
2935 24th St.
Clarkston, WA 99403
Phone: 208.305.3684
Email: clfuller@cableone.net

*****Checks payable to: Northwest River Runners***

JET CLASS: _____

BOAT #: _____

BOAT

NAME: _____

HULL MAKE &

LENGTH: _____

ENGINE

MAKE: _____

ENGINE

DISPLACEMENT/HORSEPOWER: _____

DRIVER

NAME: _____

ADDRESS: _____

CELL PHONE: _____ HOME PHONE: _____

EMAIL: _____

NAVIGATOR

NAME: _____

ADDRESS: _____

CELL PHONE: _____ HOME PHONE: _____

EMAIL: _____

AWARDS/HOW LONG HAVE BEEN

RACING: _____

Accommodations:

LEWISTON, IDAHO

**Rates do not include 8% tax and other city or state fees for lodging.*

HOST HOTELS

Clearwater River Casino & Resort

PH: 208-298-1400

500 Nez Perce Rd.

Lewiston, ID 83501

**We have a block of rooms reserved under "Thunder on the Snake"*

Red Lion Hotel

PH:208-799-1000

621 21ST Street

Lewiston, ID 83501

**We have a block of rooms reserved under "Thunder on the Snake Jet Boat Race"
8/26-8/31*

Holiday Inn Express

PH:208-750-1600

2425 Nez Perce Dr.

Lewiston, ID 83501

Inn America

PH:577-973-1226

702 21st St.

Lewiston, ID 83501

CLARKSTON, WASH.

Best Western Rivertree Inn

PH:509-758-9551

1257 Bridge St.

Clarkston, WA 99403

Motel 6

PH:509-758-1631

222 Bridge St.

Clarkston, WA 99403

Hells Canyon Resort RV Park

PH:509-758-6963 or 208-791-2604

1560 Port Dr.

Clarkston, WA 99403



OFFICIAL RACE MAP

 Safety Boats

 Start/ Finish
Flags & Buoys

*Public Restrooms available
at most boat ramps
& at Hell's Gate State Park

