



SAFETY MANAGEMENT SYSTEM (SMS)

Operations & Safety Manual





TABLE OF CONTENTS

1. Company Overview	3
2. Vessel Registry	4
3. Safety Policy	5
4. Crew Competency Requirements	5
5. Operating Procedures	6
6. Industrial Operations Procedures	7
7. Risk Assessment	8
8. Maintenance Program	8
9. Reporting Procedures	8
10. Recordkeeping	9
11. Training & Emergency Drills	9



I. COMPANY OVERVIEW

Company Name: Peace River Adventures Inc.

Address: 11716 78 St, Peace River, Alberta, T8S 1Y6

Designated Person (DP): Félix Bergeron

Primary Contact: 780-618-7537 / peaceriveradventures@gmail.com

Operational Focus:

- Tours
- Corporate outings
- Film & photography support
- Shuttles & transport
- Special events
- Training rides
- Boat recovery & salvage assistance
- Rescue support (non-emergency standby)
- Survey & mapping services

Primary Operating Areas:

- Peace River (Taylor, BC → Carcajoo, AB)
- Smoky River (Peace River → Canfor Bridge south of Grande Prairie)
- Wapiti River
- Athabasca River



2. VESSEL REGISTRY

Vessel 1 – Wanderer

- 8.5M Marathon Jet Boat
 - SN: 7130526B
 - Registration: C36642AB
 - 4.99 GT
 - Length: 8.5 m
 - Beam: 2.5 m
 - Engine: 600 hp gasoline
 - Fuel Capacity: 400 L
 - Capacity: 12 passengers + 2 crew
 - **Equipment:** PFDs for all passengers, 2 spare PFDs, lifering, throw bag, 100' rope, spine board, potable water, CO₂ extinguishers (x2), first aid kit, cellphone, InReach, Starlink, flares, anchor, paddle, tool kit
-

Vessel 2 – Little Wanderer

- 2007 Outlaw Eagle 21' Steptech Open Bow
 - SN: Q0M21108E607
 - Beam: 83"
 - Engine: 400 hp V8 gasoline
 - Fuel Capacity: 220 L
 - Capacity: 4 passengers
-

Vessel 3 – No Days Off

- 1995 Kellahan Marine 21' Center Console
- 1' Center Console Jet Boat (8° hull)
- Beam: 80"
- Engine: 240 hp V6 SportJet gasoline
- Fuel Capacity: 140 L
- Capacity: 4 passengers
- SN: QKM21000K595



3. SAFETY POLICY

Peace River Adventures is committed to ensuring the safety of passengers, crew, and clients through:

- Competent, certified operators
- Properly equipped vessels
- Adherence to weather, water level, and operational limitations
- Continuous training and review
- Open reporting of incidents and near-misses

4. CREW COMPETENCY REQUIREMENTS

Minimum Crew Per Vessel: 1 Captain + 1 Crew Member

Captain Certifications:

- SVOP
- MED A3
- Marine Basic First Aid

Crew Training:

- Rescue techniques
- Line handling
- Lookout / spotting
- Radio & communication procedure
- PPE usage



5. OPERATING PROCEDURES

5.1 Trip Planning

Before every trip, the Captain must:

- Review weather
 - Evaluate winds (no operations above 37 km/hr)
 - Confirm no thunderstorms present or forecasted
 - Check upstream water levels (mandatory entry)
 - Assess rising/steady/falling water trends
 - Identify hazards such as debris, ice, sandbars
 - Plan route accordingly
-

5.2 Pre-Departure Checklist

- Vessel inspected
 - Safety gear verified
 - Communications operational (cell, InReach, Starlink)
 - Emergency equipment present
 - Passenger briefing completed
 - Upstream water level recorded in log
 - Go/No-Go decision made
-

5.3 Passenger Safety Briefing (Summary)

- Wear PFDs at all times
 - Stay seated during motion
 - Keep hands/feet inside vessel
 - Follow crew instructions
 - Emergency equipment locations explained
-

5.4 Operational Limits

- No operations in thunderstorms
- No operations in winds exceeding 37 km/hr
- No operations if upstream levels indicate unsafe depth, debris flow, or instability
- Industrial operations require additional safety checks



6. INDUSTRIAL OPERATIONS PROCEDURES

Applicable to recovery, rescue support, survey, mapping, and industrial transport.

6.1 Pre-Operation Requirements

- Client coordination
 - Toolbox/site meeting
 - Review site hazards
 - Confirm PPE requirements
 - Establish communication plan
-

6.2 Operational Procedures

- Idle/low-speed maneuvering in work zones
 - No high-speed operation near industrial sites
 - Maintain upstream positioning when providing water safety
 - Follow recovery & line-handling best practices
-

6.3 Communication

- VHF when available
 - Cellphone
 - InReach
 - Starlink (when active)
-

6.4 Emergency Procedures

- MOB recovery protocol
- Mechanical failure procedures
- Industrial incident handling



7. RISK ASSESSMENT

River Hazards Identified:

- Low water
- Sandbars/gravel bars
- Submerged rocks
- Shallow shelves
- Floating logs/debris
- Sweepers/fallen trees
- Blind corners
- Canyon walls
- Ice hazards
- Strong currents / boils
- Confluence turbulence
- High-speed risk
- Recreational traffic
- Wildlife hazards

Risk mitigation measures will include:

- Reduced speed in hazard areas
- Lookouts and enhanced scanning
- Water level trend monitoring
- Pre-trip hazard identification
- Abort protocol for unsafe conditions

8. MAINTENANCE PROGRAM

- Daily: engine/oil checks, visual inspection, safety equipment verification
- 25 hr: oil change (if required), pump inspection, steering lubrication
- 50-100 hr: full service, electrical checks, cooling flush
- Annual: hull inspection, pump rebuild, equipment replacement

9. REPORTING PROCEDURES

- All incidents and near-misses must be documented
- Reports submitted to the DP within 24 hours
- Corrective actions implemented and logged



10. RECORDKEEPING

The following logs will be kept in the separate spiral-bound book:

- Daily Voyage Log (with river level entries)
- Pre-Departure Checklists
- Maintenance Log
- Fuel Log
- Incident/Near-Miss Reports
- Industrial Work Logs

Records will be retained for a minimum of 5 years.

11. TRAINING & EMERGENCY DRILLS

Peace River Adventures will conduct **monthly emergency drills** for all staff, including:

- **Man Overboard drill**
- **Fire response drill**
- **Abandon ship drill**

All drills will be documented in the spiral-bound logbook using a dedicated **Training & Drill Log** page. Records will include:

- Date of drill
- Type of drill performed
- Crew members participating
- Summary of actions taken
- Observations and improvements required
- Captain/DP signature