#### National Biological Assessment and Criteria Workshop

Advancing State and Tribal Programs



Coeur d'Alene, Idaho 31 March – 4 April, 2003

#### Section 5: Logistics & Safety on Large Rivers

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## LR 101

# Logistics







Safety





#### **General Field Safety**



Heavy equipment
Ask for help
Lift properly
Watch for others
Keep equipment balanced in the boat

#### Transportation of Equipment to, in, and along the river can present a substantial logistical challenge and safety hazard





Navigating debris to access reach

#### **General Field Safety**

#### Field attire

- If hot
  - Protect from sun, dehydration, and heat exhaustion
  - No open-toed shoes
  - Choose long pants over shorts
  - If wading is required, consider waders
- If cold
  - Protect from hypothermia and frost bite

#### **General Field Safety**

#### Eye protection

UV rays, abrasions, chemical hazards, polarized

Hearing protection Chronic Exposure Boat motors, generators Communication 2-way among crew, cell phones **Electrical Shock** 



Electrofishing is inherently "dangerous"! Secure proper training and follow and enforce safety precautions.

> Hearing Protection (Chronic Exposure) Hat

**Lineman Gloves** 

Life Jacket

**Safety Railing** 

Insulated Boots (Waders) Polarized Sunglasses Safety Vest

## **Chemical Safety**

Formalin Ethanol Gasoline **Explosion hazard** Liquid nitrogen Material Safety Data **Sheets** 







## Safety on the Road

- Wear safety belts
  Consider defensive driving course
  Hauling equipment and towing a boat – Inspect hitch and trailer daily
  - Do not exceed capacity of truck or trailer
  - Reduce driving speeds
  - Check tie-downs



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## Safety on the Water

#### Boating safety

- rules and regulations
- be familiar with hazards
- redundant training
- don't overload the boat
- maintain equipment
- required equipment
- training, training, training





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## Safety on the Water - Training

- Operation of watercraft
- Maintenance of watrcraft
- Safety training
  - Drowning
  - Storms
  - Boat rescues

CPR

- Heimlich maneuver
- First Aid
  - Cuts and bleeding
  - Bruises
  - Puncture wounds
  - Heat emergencies
    - Heat cramps
    - Heat exhaustion
    - Heat stroke
    - Hypothermia
  - Frost bite



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