

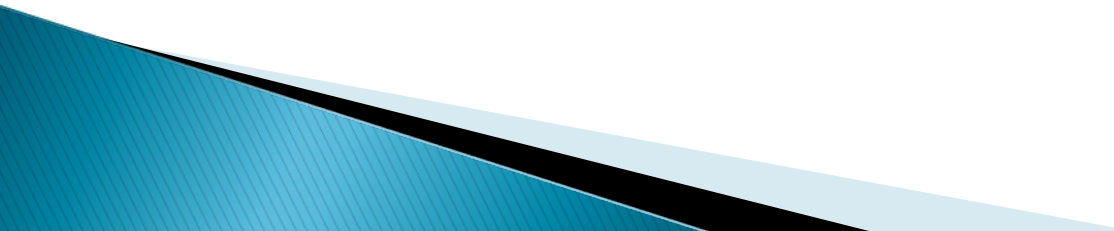
# Water Rescue Resources in the Rivanna River Basin

September 20, 2012

Lake Monticello Water Rescue



# Water Rescue Organizations

- Lake Monticello Water Rescue
  - Charlottesville Albemarle Rescue Squad
  - Scottsville Volunteer Fire Department
  - Other departments in area are beginning to form teams or improve their capabilities
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# A little about us

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- Lake Monticello Water Rescue Team
- All Volunteer, 45 members
- Swiftwater, Boats & Ropes, Ice and Dive
- Train twice a month
- Respond to calls across Central VA
- Friend us on Facebook!

# Lake and River Cleanup





# We play on the river too





Friend or...



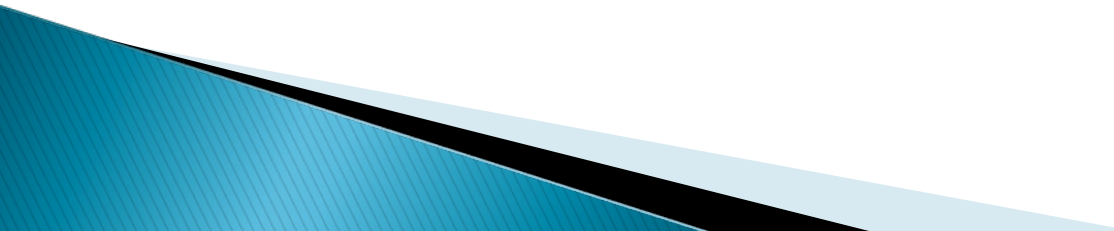








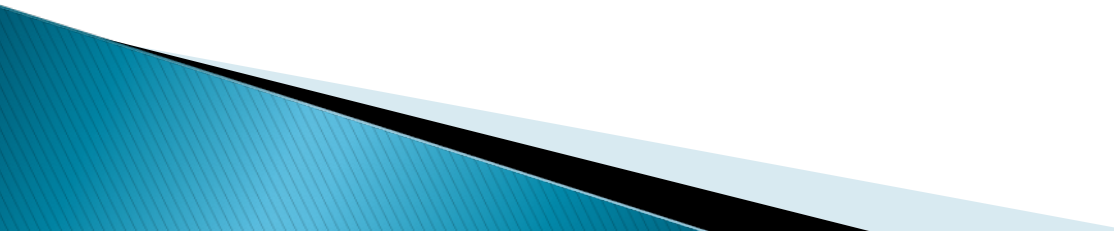
# Types of River Calls

- ❑ Stranded Paddlers
  - ❑ Missing/Late Paddlers
  - ❑ River portion of land based searches
  - ❑ Vehicles in rivers or streams
  - ❑ Law Enforcement Assistance
  - ❑ Technical Rescue Assistance
- 





# Challenges to Response

- High Water Conditions
  - Low Water Conditions
  - Large or Unclear Search Areas
  - Appropriate launch locations
  - Potential Long Response Time
  - Hypothermia
- 

# Rivanna in Flood





# Inflatable DIB



# Inflatable

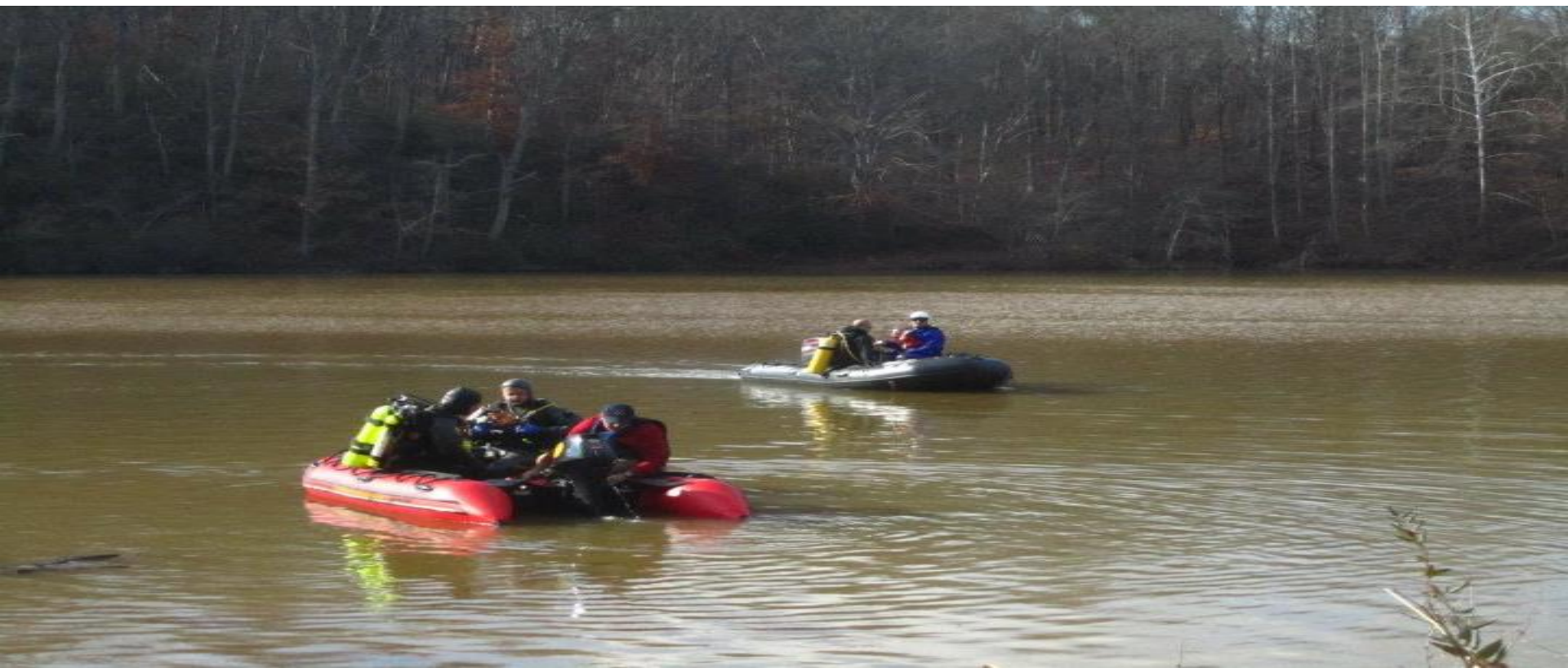




# Airboat



# Zodiac

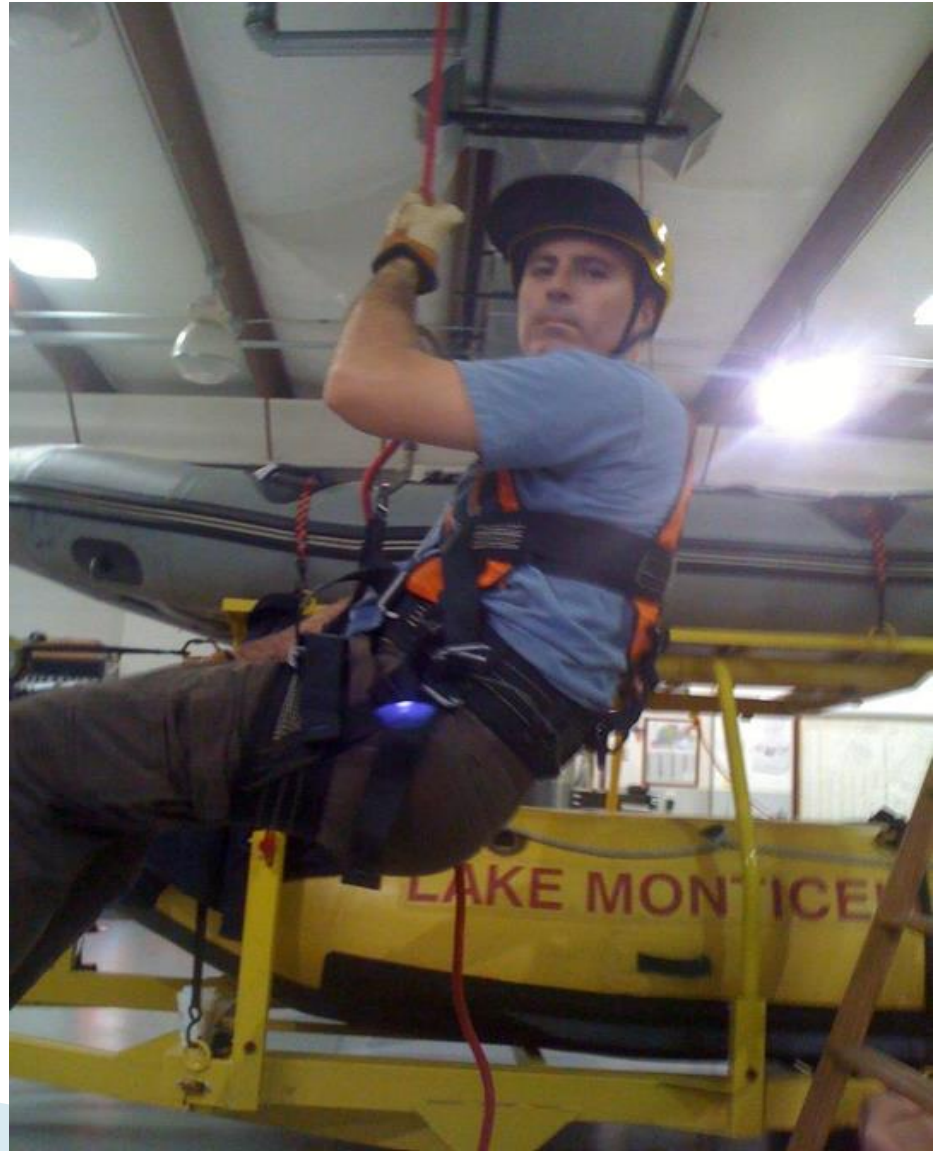




# Kayaks



# Ropes too!



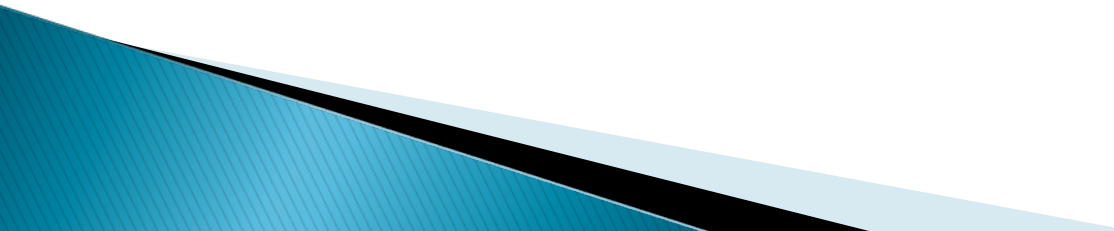
# Dive 5



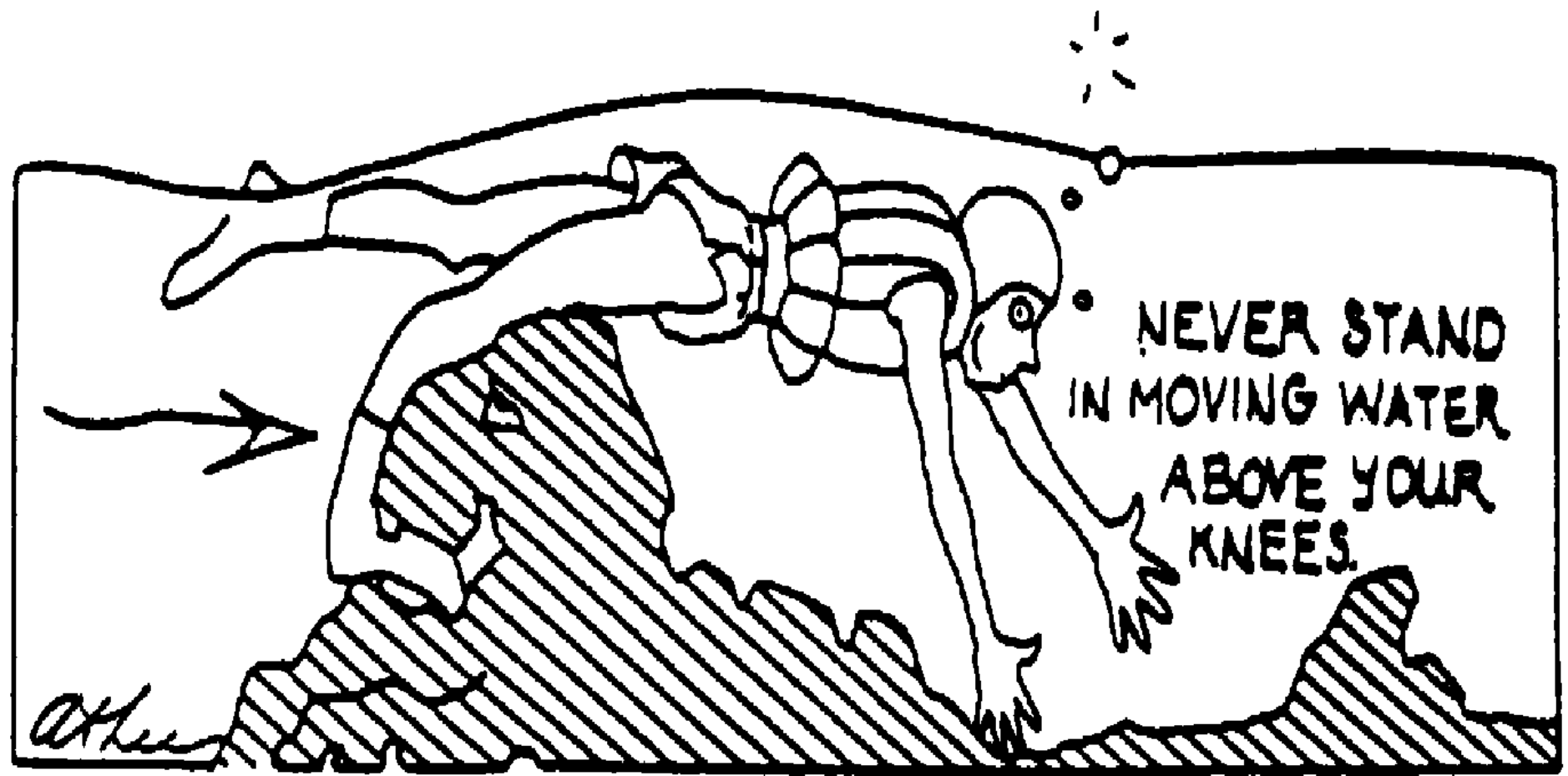


# 101: The River

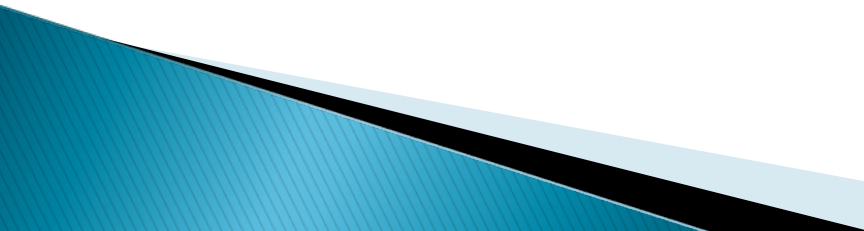
## Characteristics of Swift Water

- 1) **Powerful:** As the speed increases, so does the power
  - 2) **Relentless:** Once in the current, you cannot expect any reprieve
  - 3) **Predictable:** To the trained rescuer that is. Water always acts the same, whether a bubbling brook or raging river
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# Foot Entrapment

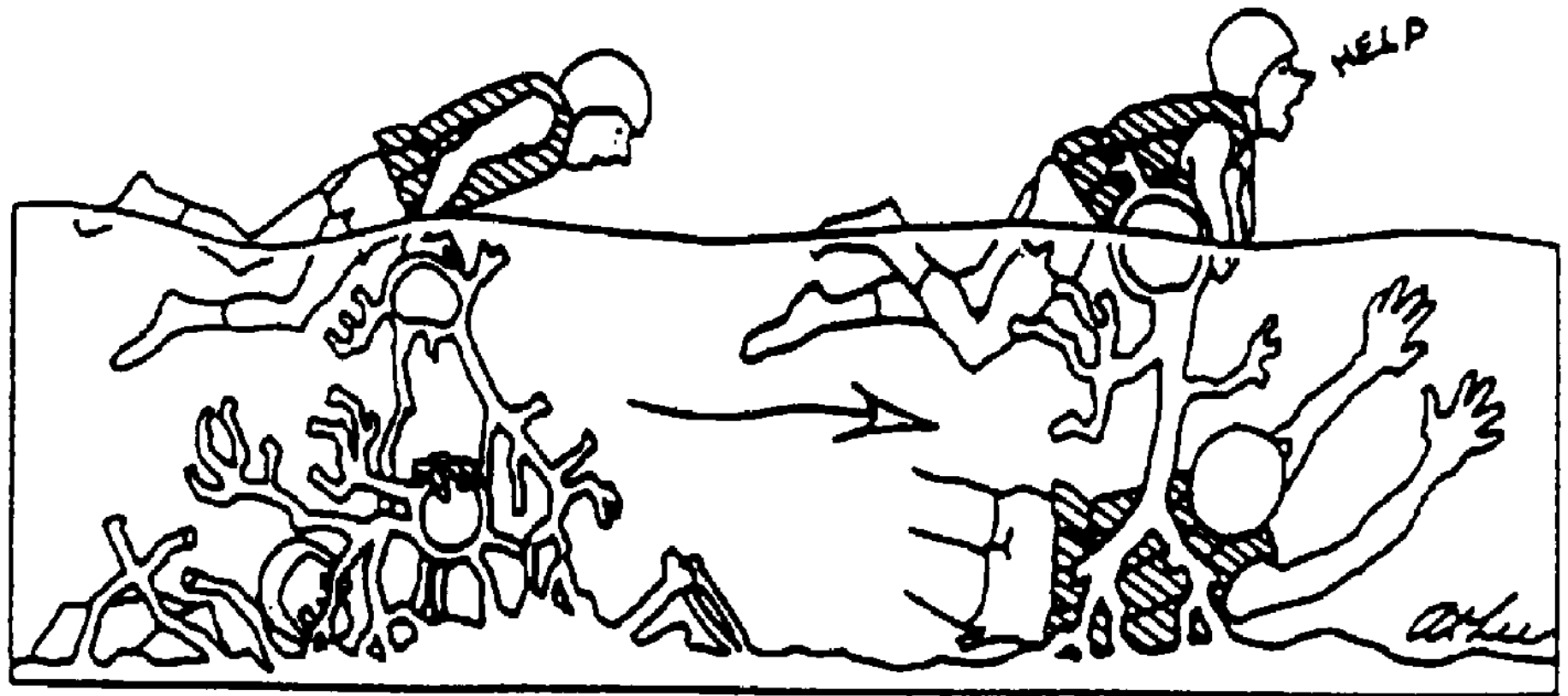


# Strainers

- Any object in the water that lets the water pass through but not a solid object
  - Avoid at all costs
  - Trees, guard rails, barbed wire fences, side of a car
- 




# Climb over Strainers

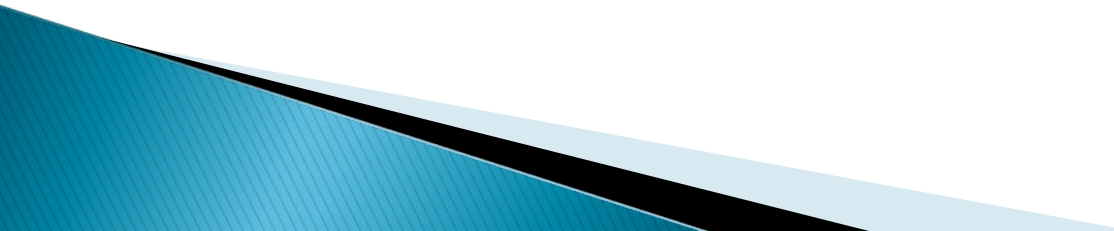




# Undercuts

- ❑ Should be avoided at all costs when possible.
  - ❑ Undercut – rock or ledge that has been washed out from water on the upper side.
  - ❑ Can be very strong current
  - ❑ Pin Hazard
- 

# Keep It Simple/Simple is Safe

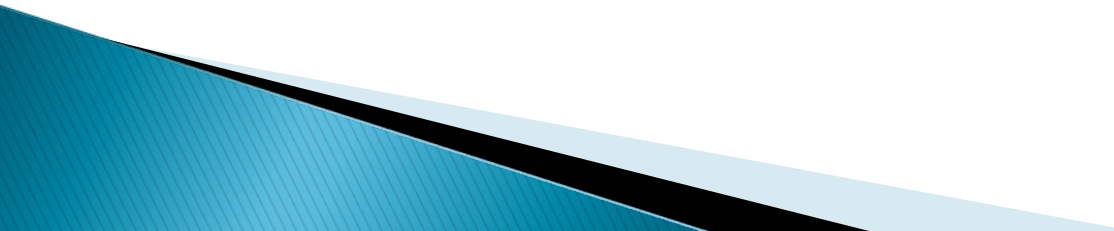
- ☐ Talk
  - ☐ Reach
  - ☐ Throw
  - ☐ Row
  - ☐ Go
  - ☐ Helo
- 

# Throw



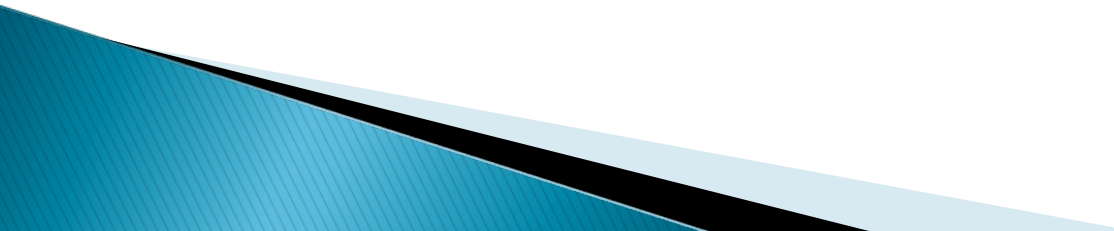


# Keep It Simple/Simple is Safe

- ☐ Talk
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- 



# Keep It Simple/Simple is Safe

- ☐ Talk
  - ☐ Reach
  - ☐ Throw
  - ☐ Row
  - ☐ Go
  - ☐ Helo
- 



# One way to go



# Questions

