

# Technology Based Search and Recovery Teams

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# Knowing Your Needs

- What will you be doing with the equipment you purchase.
- How much money do you have to start your team.
- What local resources do you currently have in your area (don't duplicate resources).
- Attend seminars such as VIPS, Underwater Intervention, etc.

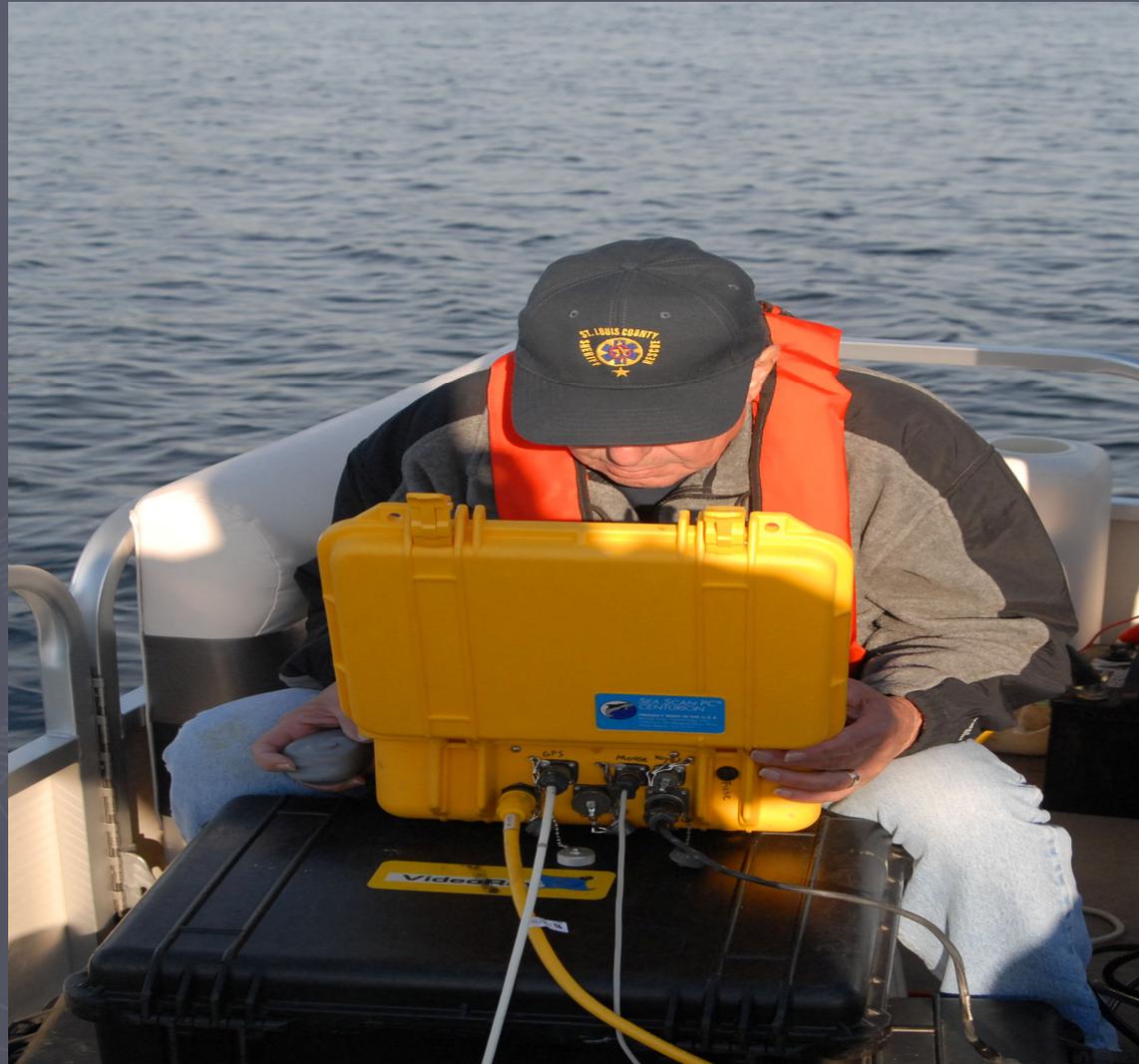
# What We Started With



# Lessons Learned

- Great for localized searching (snowmobiler through ice).
- Difficult to do wide area searching with just an ROV and scanning sonar.
- Difficult to navigate with scanning sonar in dark water.
- Not enough technology trained people to do long running operations.

# Side Scan Sonar



# Side Scan Sonar

- Ability to search large areas.
- Allows you to find targets to be further investigated with an ROV.
- Gives you a realistic view of the bottom.

# Multi Beam Sonar



# Multi Beam Sonar

- Fast refresh rates.
- Ability to navigate as you move towards a target. Great for fast moving water when you are having trouble navigating the sub.
- Quality images.

# Water Operations Vehicle



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- A place to store all of your gear, and have it ready for the next deployment.
- Gives you a warm/cool place to work.
- A location to share confidential information.

# Team Members



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- Commitment and availability (two operators at all times).
- Technology based knowledge or willingness to learn.
- Persistence, and easy going personality.

# Questions?

