

# Fun with Roving!

## An Introduction to Insanity!

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K5GJ

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# Agenda

- What is Roving?
- Equipment – Beg, Borrow, and Build
- Partners, Groups, and Packs
- Planning
- Perils and Pitfalls
- Risks and Rewards

# What is Roving?

**Roving: (noun/verb/adverb/cussword) –**  
The fine art of stuffing every piece of VHF and Microwave gear you own into and onto your vehicle... then driving hundreds or thousands of miles while contacting the same people over and over again!

# Roving Equipment

- A Vehicle
- 1 or more VHF or higher radio
- Some sort of Antenna

*After that..... It's just Style points!*

# Start small!



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# Graduate to some structure



It's all just plumbing....



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# Home Depot + Help = Rover







# Cables are always a challenge

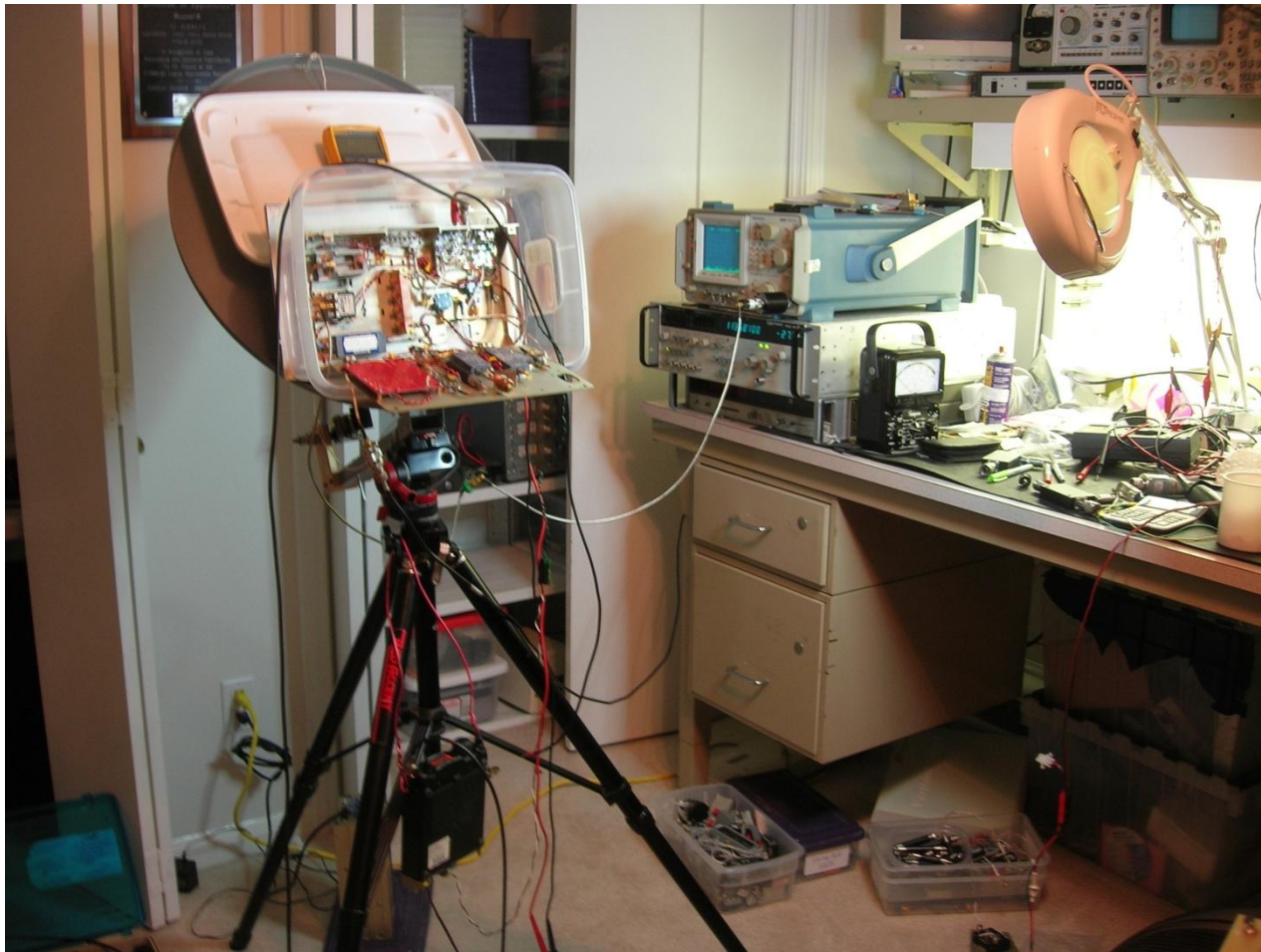


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# The “Pros” make it look easy



# Junque-box Junkie



# 8PM Friday... Works Great on the Bench...



If it works...  
Why NOT fool with it!



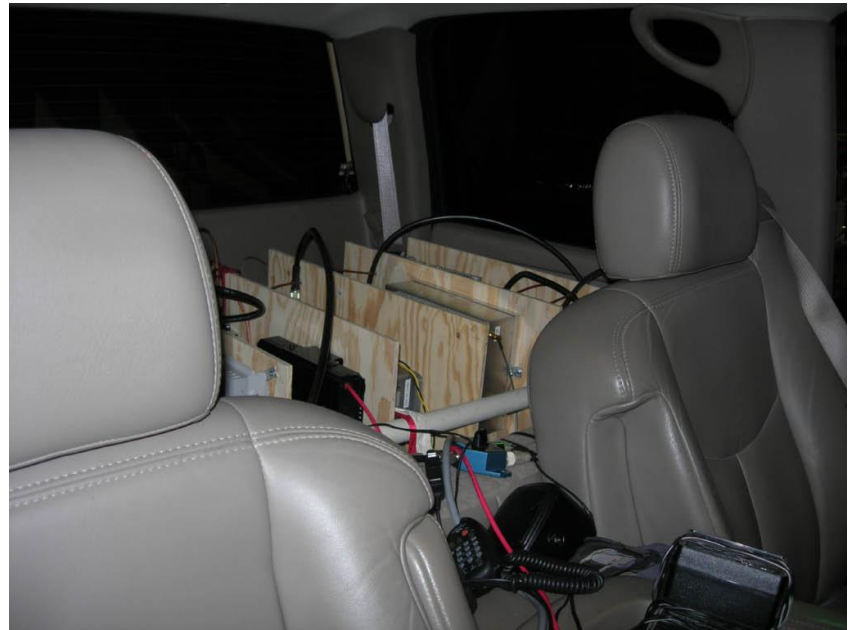
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# But hey... It works!



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# How much junk can you stuff in a car?



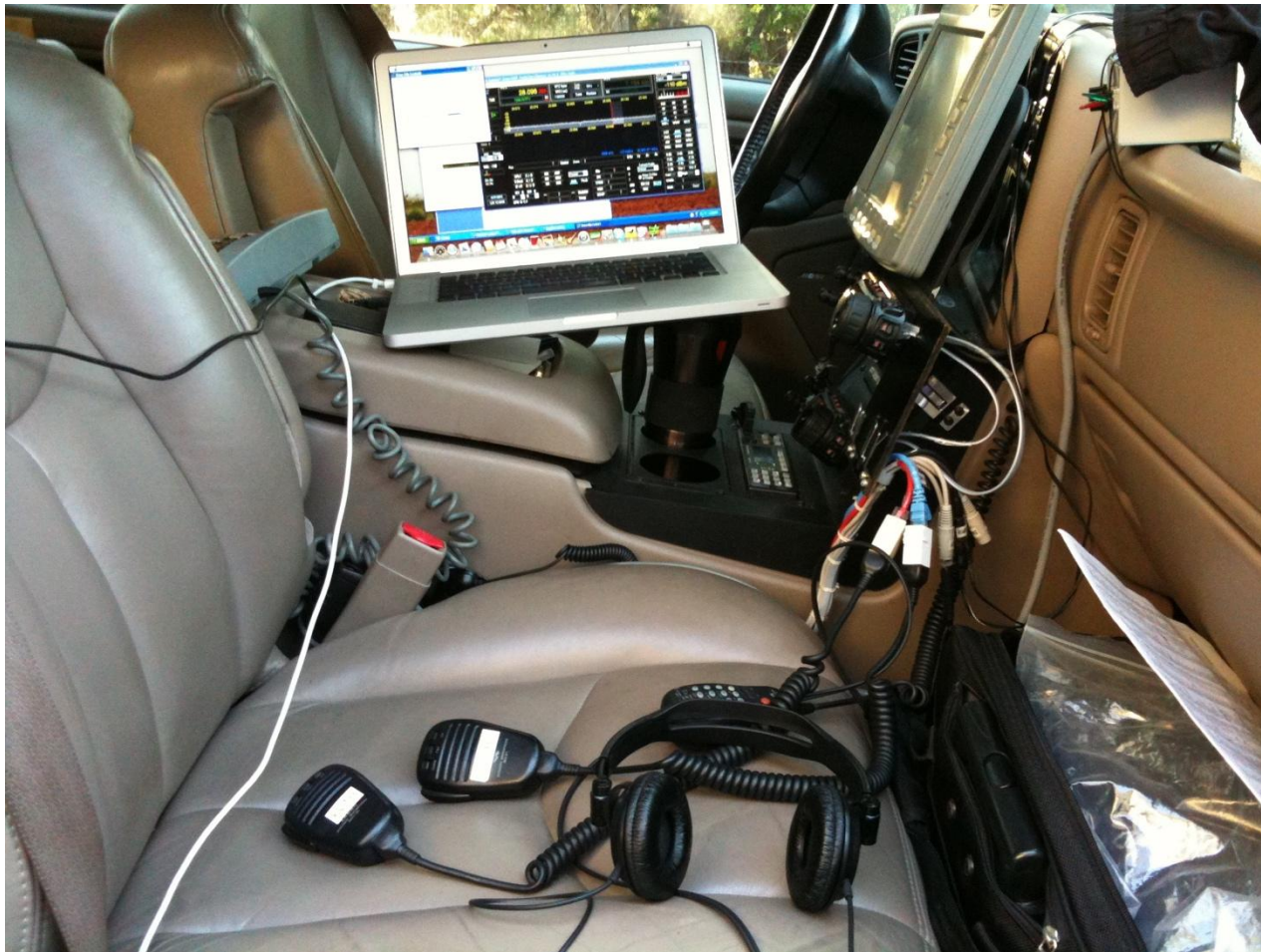


Or in the trunk...



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# Cockpit Design



# K5QE White Rover



# Is that an HRO Shelf?



Sometimes... it doesn't all fit!



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# Types of Rovers

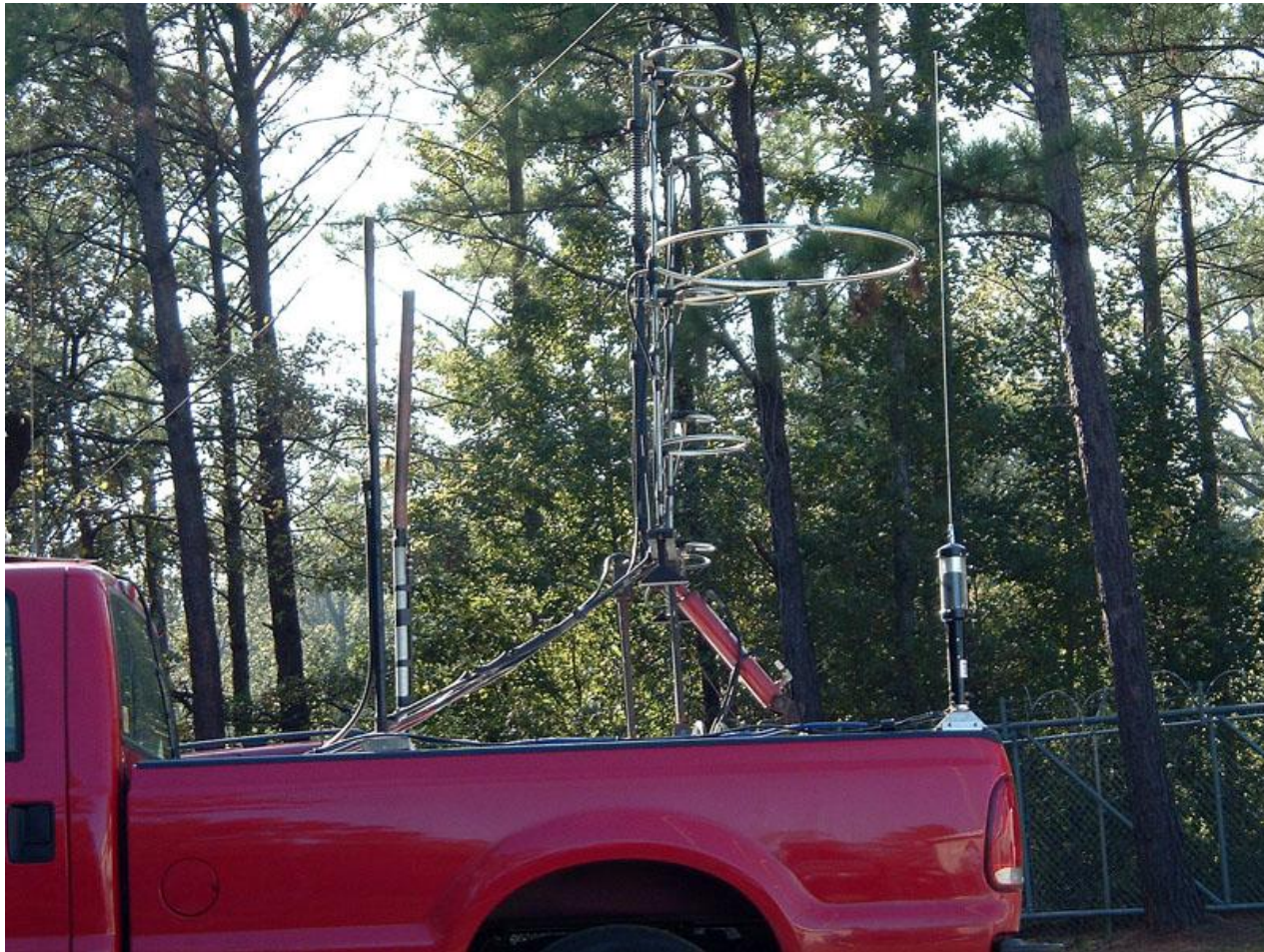
- Run-n-Gun
- Shoot-n-Scoot
- Stop-n-Plop

# Run-n-Gun



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# Run-n-Gun



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# Shoot-n-Scoot



# Shoot-n-Scoot



Some is good, More is better...



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# YeeHaw!



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# Multi-Story Stack



# Simple Stop-n-Plop



# Westfalia Rover



# K5GJ and KN5D in EL28hv





*“What did you bring?”*  
**EVERYTHING!**



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# Hybrids



# Serious SnP



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# Now THAT is Stop-n-Plop!



# Partners, Packs, and Pileups

- Roving Classes
  - Limited Rover – 2 ops, 4 lower bands
  - Classic Rover – 2 ops, Unlimited bands
  - Unlimited Rover – Anything Goes\*
- Small Group Roving
- Pack Roving

*\* well... almost anything....*

# Small Group Rovers Outstanding in their Field



# Pack Roving in America



# Rover FlashMOB





# Rover Mob Gatherings



# A day at the beach...



# Planning?

- Where are we going?
- When are we stopping?
- Who's going to talk to us?
- When's lunch?

# Where the heck are we?

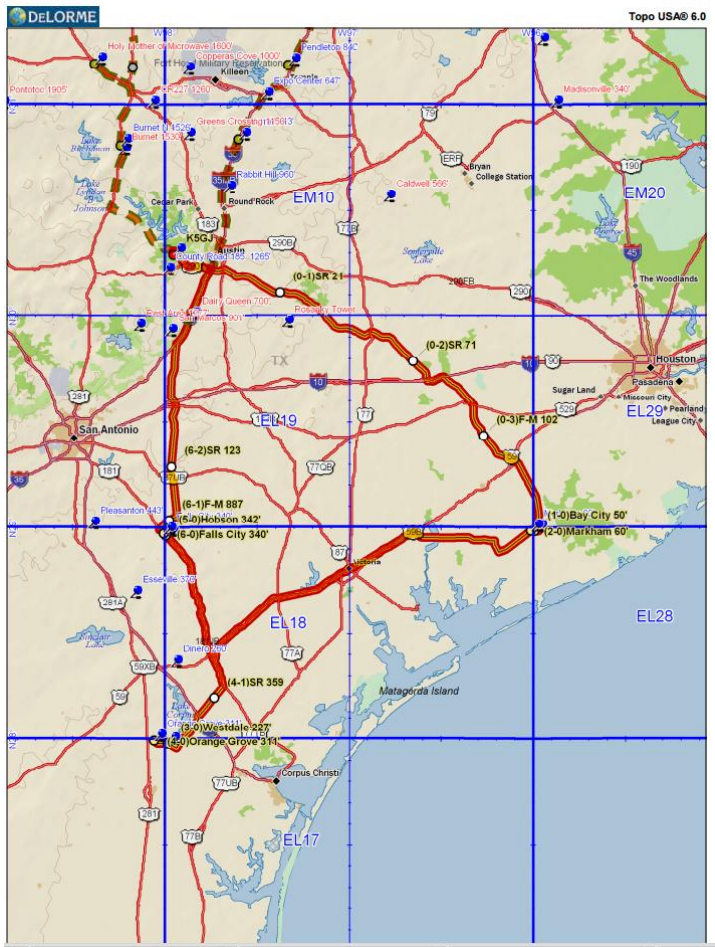


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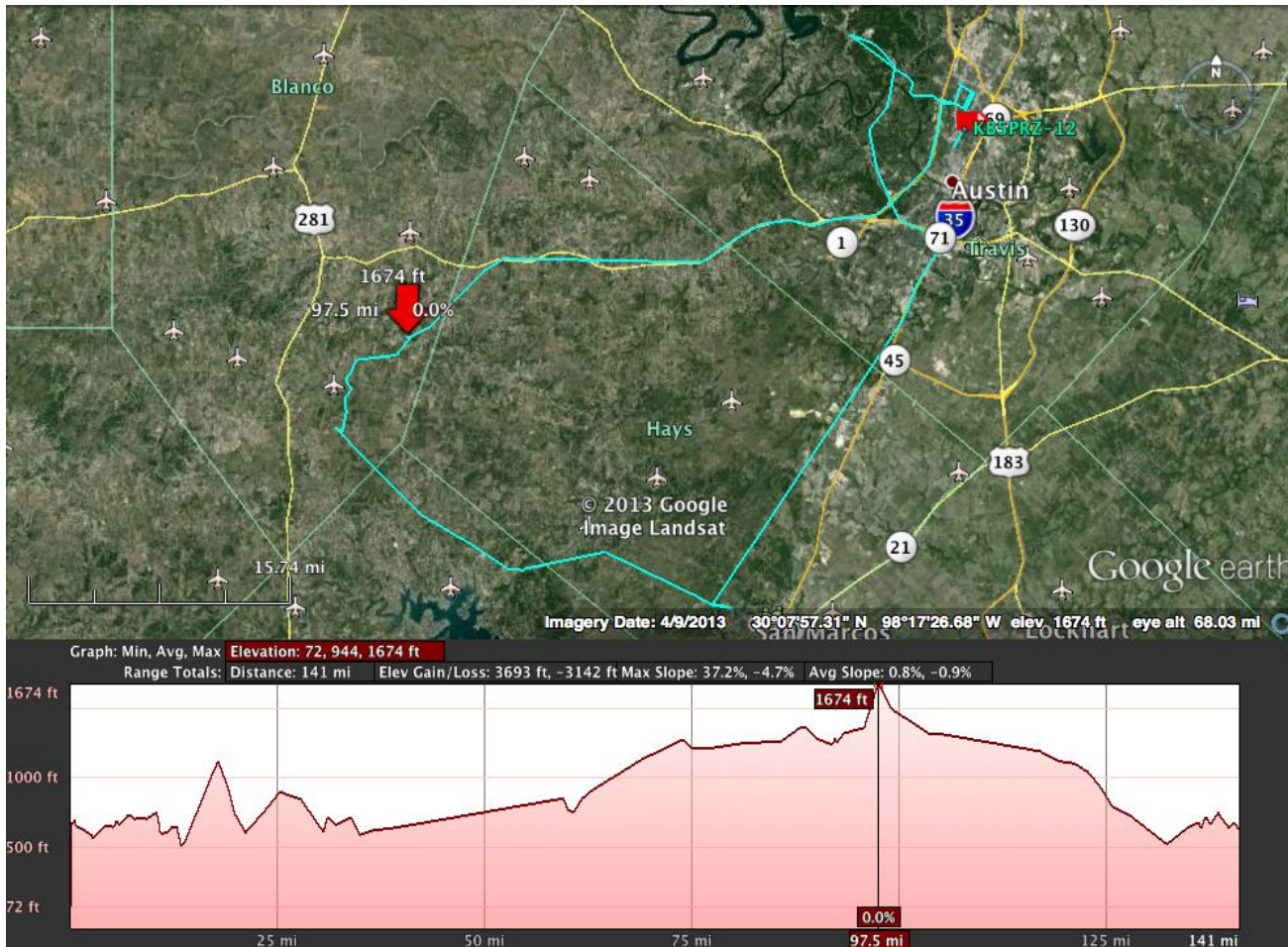
# Set reasonable route goals...



# Plan, Publish, and Play your Route!



# Google Earth is your Friend!



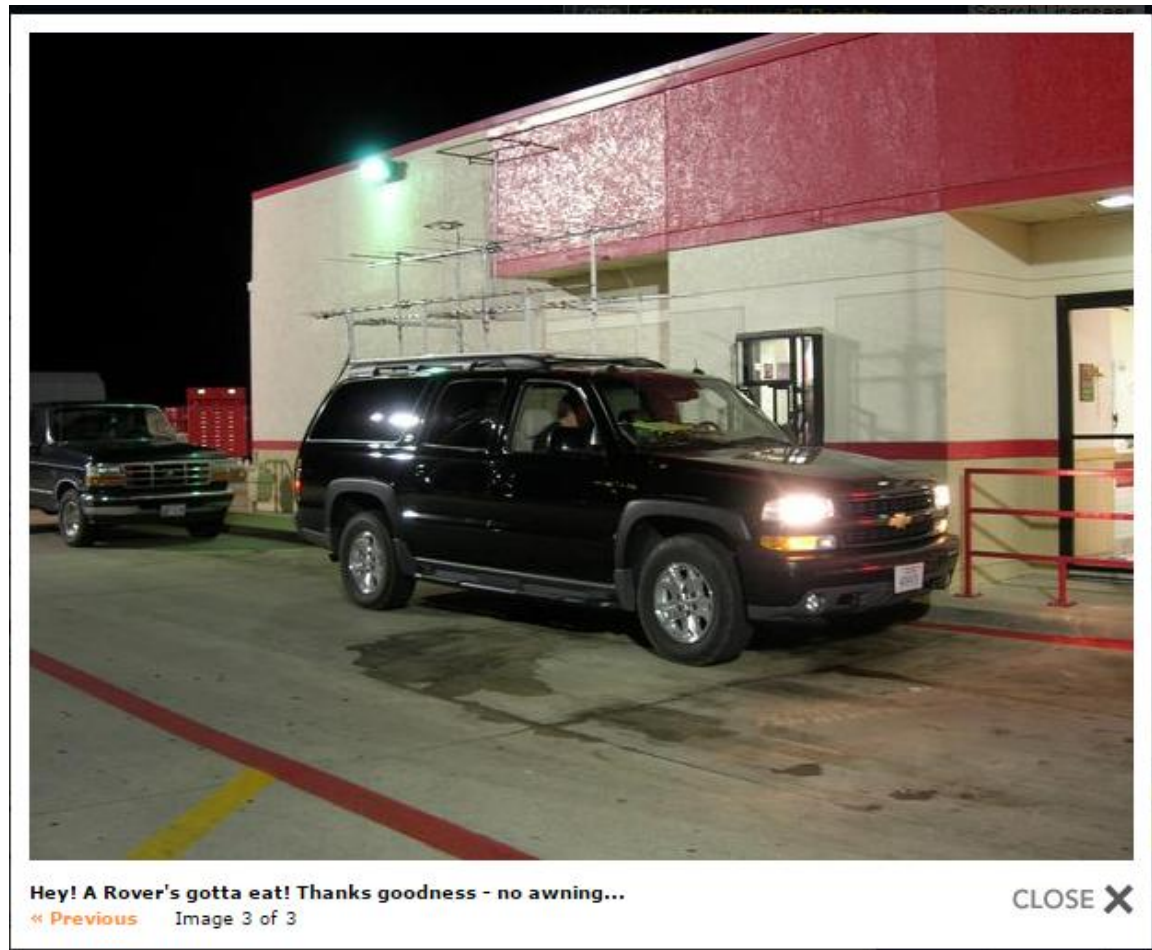
# Always be looking for good sites



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# Don't forget to Eat!



# When East meets West... There is food!



# Where else?!



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# Get PLENTY of Rest!



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# Perils and Pitfalls

*what could possibly go wrong?*

- Equipment breakdown
- Vehicle Issues
- Weather
- Damage (Usually Self-Inflicted)
- Safety Concerns

# Take along a few tools



You are gonna break stuff...



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# B1RD Strikes are a Bummer





# Beware of Ice Buildup



# DO NOT PUT LIPS ON WAVEGUIDE!



# Risks and Rewards

- When it all goes wrong.....
- Occasionally you get it right.
- And who cares?
- Because Sometimes... Magic Happens!

# #1 Risk to Rovers:



# What Low Cable??



# Leaning Tower of Squalos



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Just a little off the top please.



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# Wallpapers to Go!



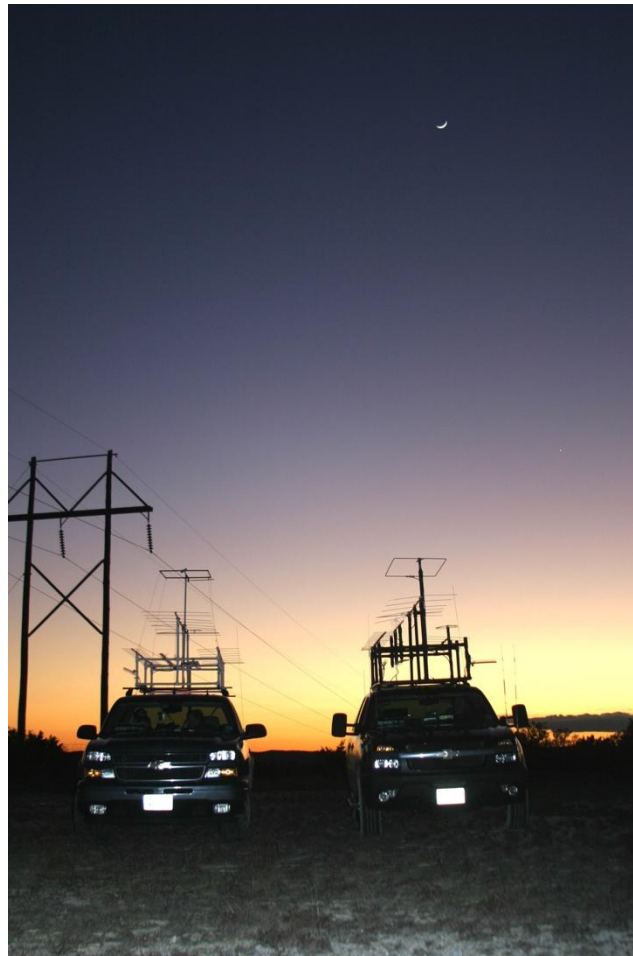


# Or the Worst Case Scenario..



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# Moon over Rovers – EM21

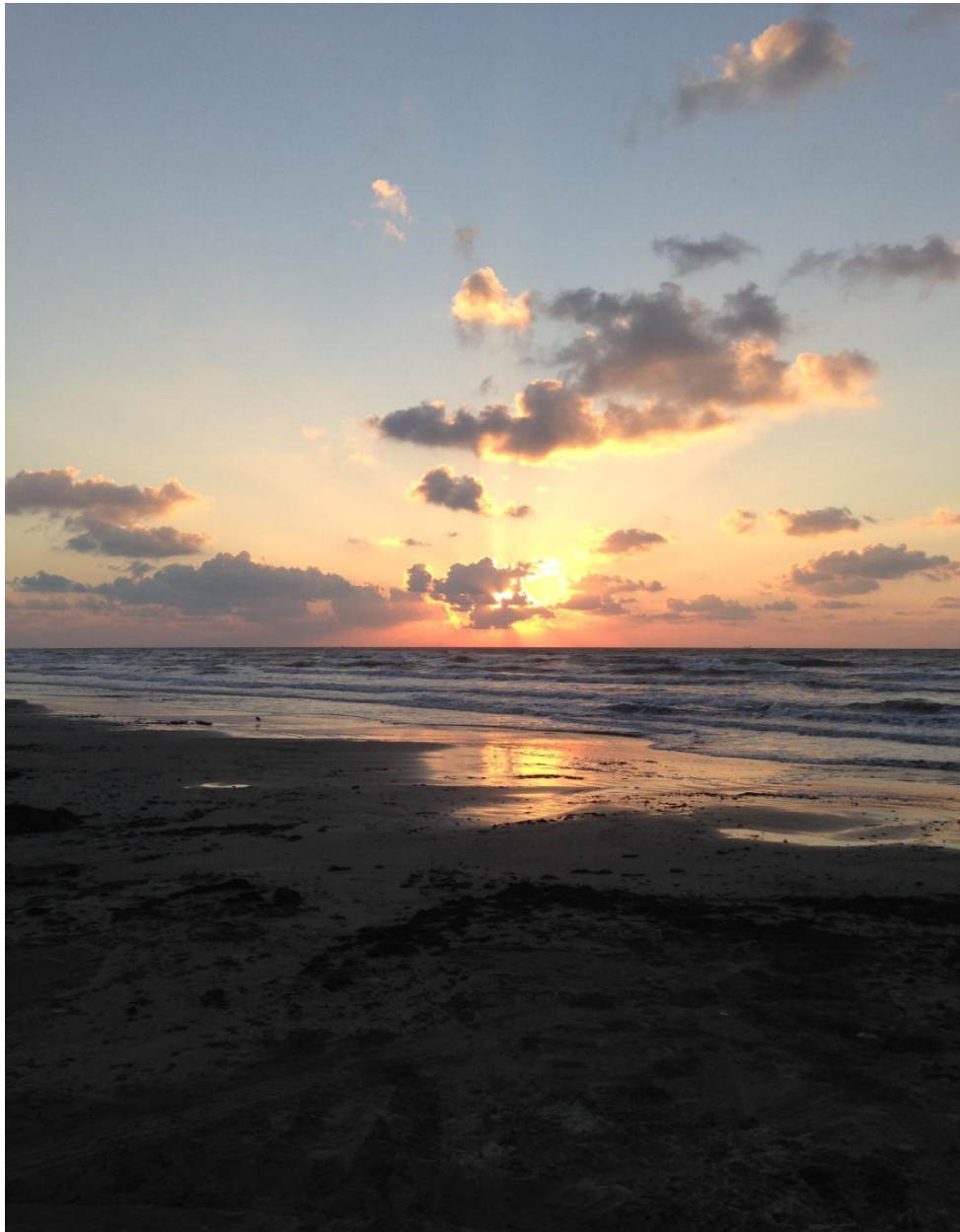


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# Sunrise in EM10



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# Sunday Sunrise Freeport Beach EL28hv



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# The Magic of RainScatter



# What's Next?



# Get out and go ROVING!



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[www.ntms.org](http://www.ntms.org) - North Texas Microwave Society

[www.csvhfs.org](http://www.csvhfs.org) - Central States VHF Society

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