

# N4MZ AQP 2021 Results



# Alabama QSO Party (AQP)

- √ Sponsored by Alabama Contest Group (ACG)
- √ Second Saturday in September, 1000L–2200L
- ✓ Operate 80m 10m (No WARC Bands)
- **✓** Use CW, Phone, Mixed Modes (No Digital)
- ✓ QRP (5W), Low (<150W), High (>150W) Power
- ✓ Single Op Station, Multi-Op Station, Multi-Op Multi-Station Site
- ✓ Fixed, Portable, Mobile Categories
- ✓ Details at www.AlabamaQSOParty.org

## **Team Strategy\***

- ✓ Set New AQP Record for Clarke County (CLRK)
- ✓ Deploy to Area Near Grove Hill, AL (EM61cp)
- ✓ Enter Three Stations in QRP Power Class
- √ To Maximize QSOs / QSO Rates, Use CW Only
- ✓ Leverage NVIS Antenna Technology to Maximize Alabama County Multipliers
- ✓ Operate All Stations for Full 12 hrs
- √ Have Fun!
- \* "If you don't know where you are going, you will probably not wind up there." — Forest Gump

#### **N4MZ Team / Stations**

- ✓ Team Included K4EES, N4RT, W2BJN
- ✓ Entered QRP CW Only Multi-Multi Class
- √ Three 5W CW Transmitters on All Non-WARC Bands 80m 10m
- √ Two Xiegu G90 Xcvrs / One Elecraft KX2 Xcvr
- √ Two ZS6BKW Antennas @ 55 ft / One NVIS Folded Skeleton Sleeve Dipole @ 18 ft
- √ Three LBS Transmit Band Pass Filters Inline
- √ Total Team Operating Time = 11 hrs 57 min

## **QRP HF Transceivers**

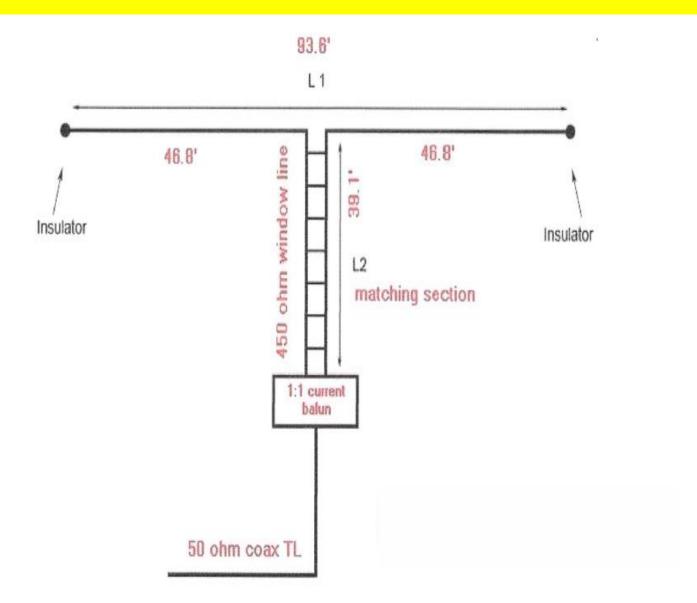
Xiegu G90



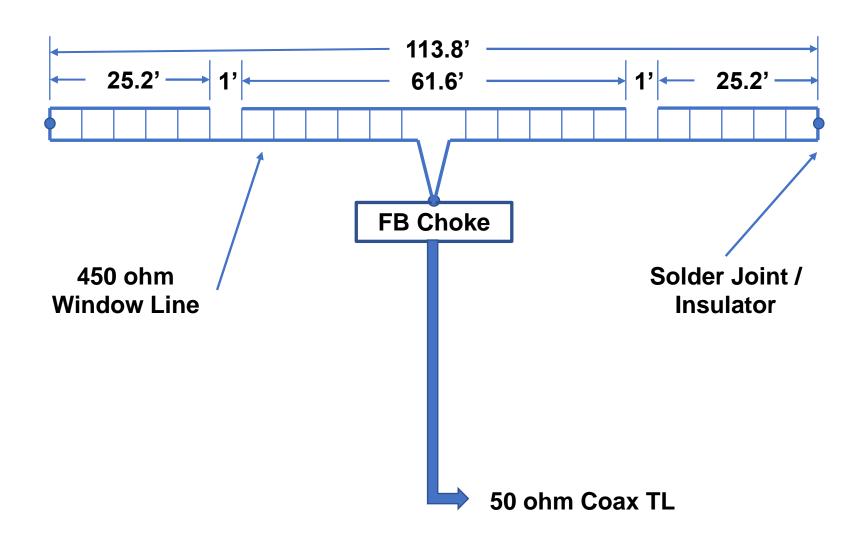
Elecraft KX2



### **ZS6BKW Antenna**



#### 80m - 40m FSS Antenna

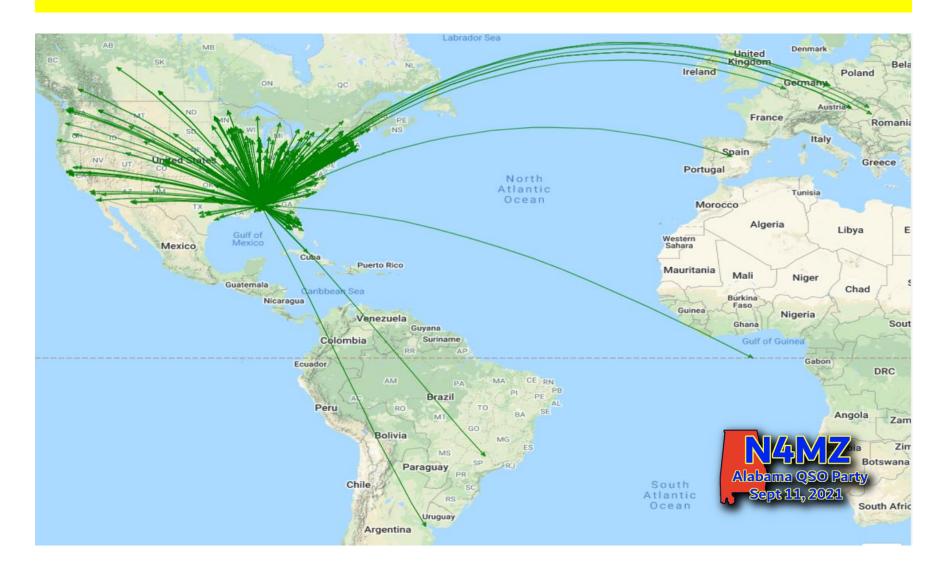


#### **2021 N4MZ Results**

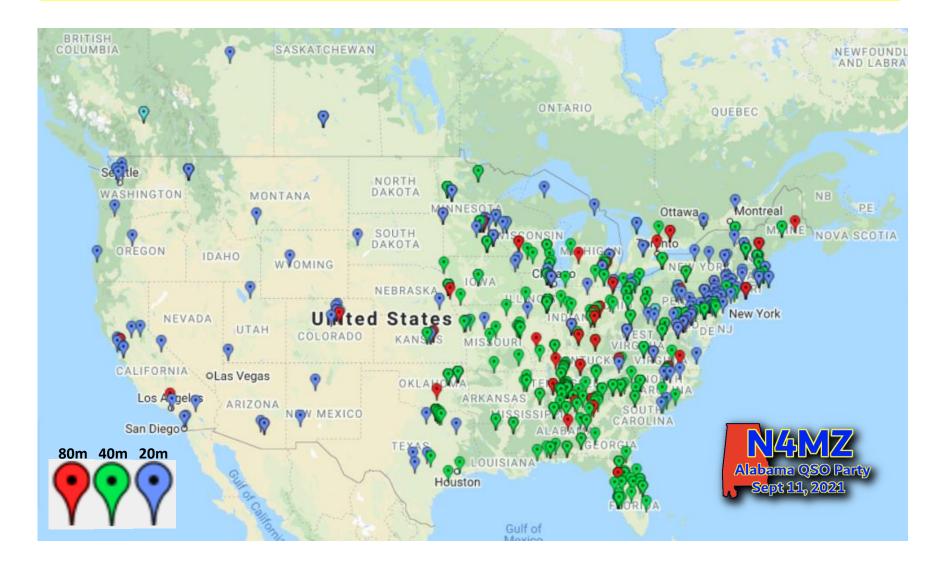
Score Statistics		
Total Contacts	300	
Total QSO Points	600	
Total Multipliers	64	
Total Score	38,400	

- CW Mode = 2 Points / QSO
- Each AL County, State, Province, DX = Multiplier

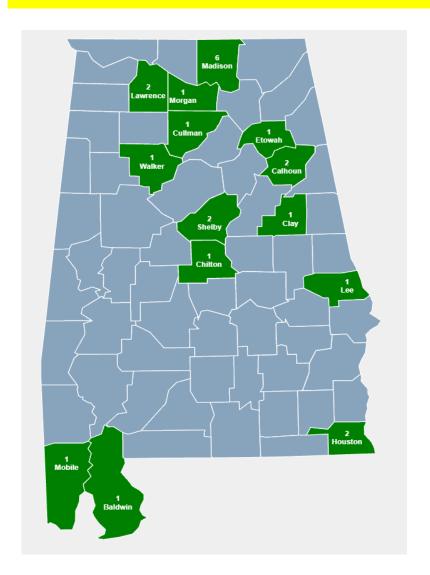
## Global 5W QSO Distribution



# US / Canada QSOs by Band



# **Alabama County Multipliers**



<mark>2019</mark>	<mark>2020</mark>	<b>2021</b>
13	6	14



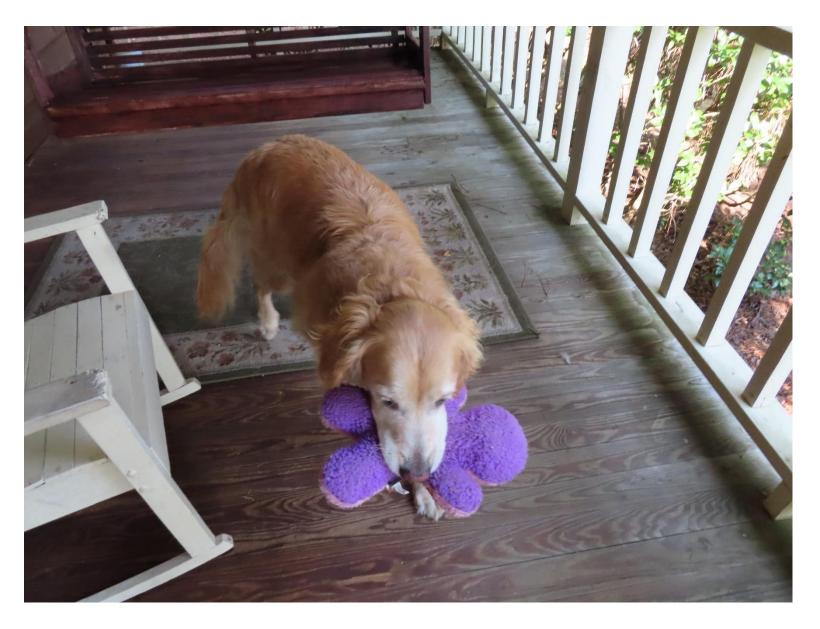
#### Thru the N4MZ AQP Lens



By Karen Hollis



Clarke Summer's Place



MZCG Official Clarke Cty Mascot with Go-Toy



Ron with G90 Go-Box



2021 AQP MZCG Team



**NVIS Antenna Support** 



Push-up Pole Mounting Discussion



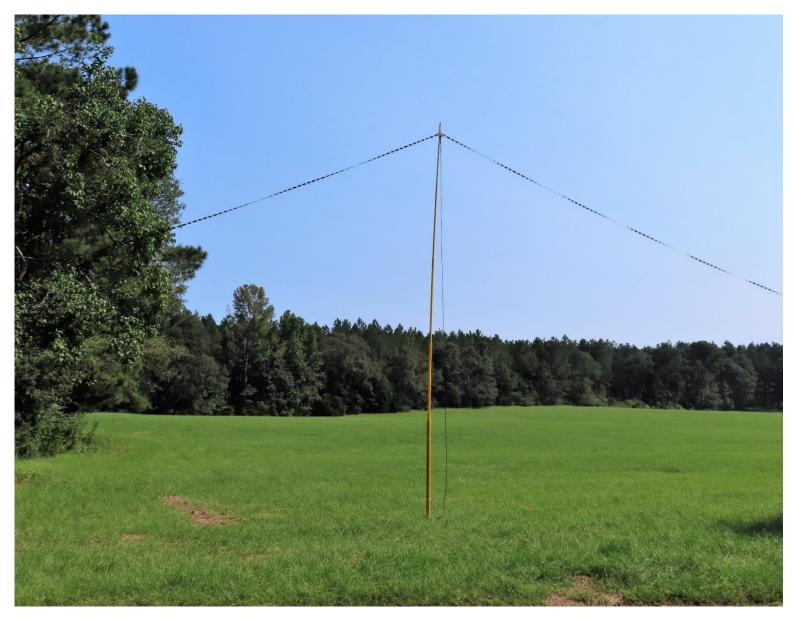
Application of COORS RF Grease to Ops



Joel Hangs 80m NVIS SS Antenna



NVIS SS Ready to go UP



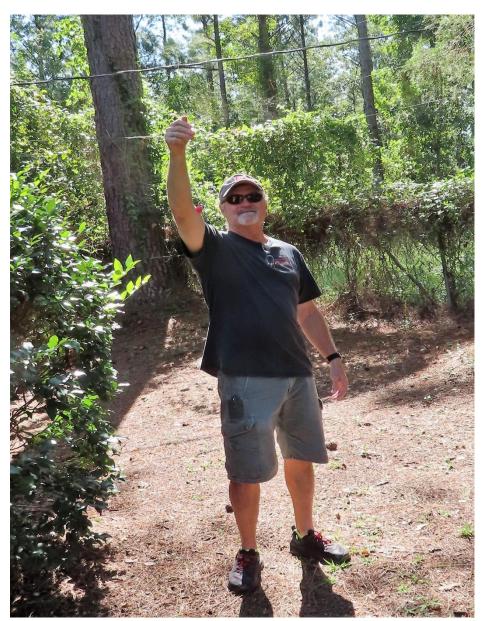
**NVIS SS Fully Erect** 



Hanging Ken's ZS6BKW 1



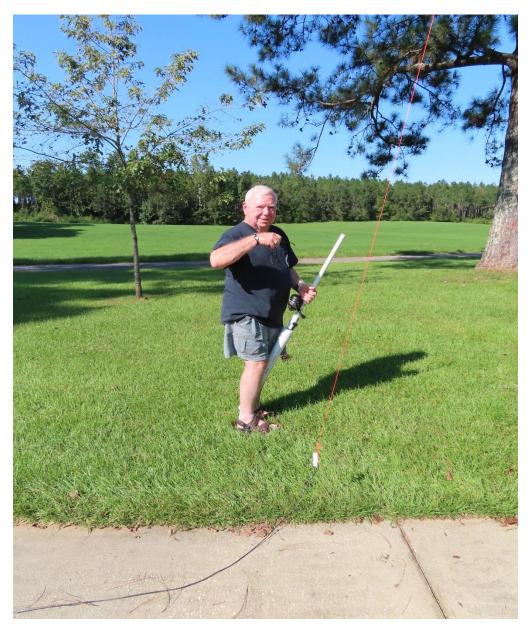
Hanging Ken's ZS6BKW 2



Hanging Ken's ZS6BKW 3



Hanging Ken's ZS6BKW 4



Hanging Ron's ZS6BKW 1



Hanging Ron's ZS6BKW 2



Hanging Ron's ZS6BKW 3



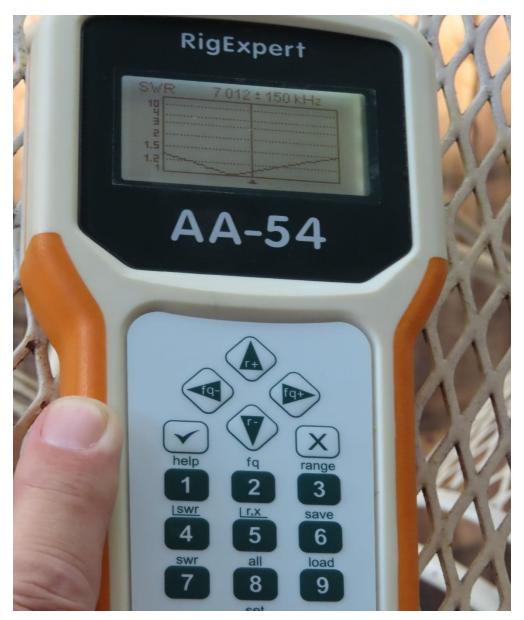
Hanging Ron's ZS6BKW 4



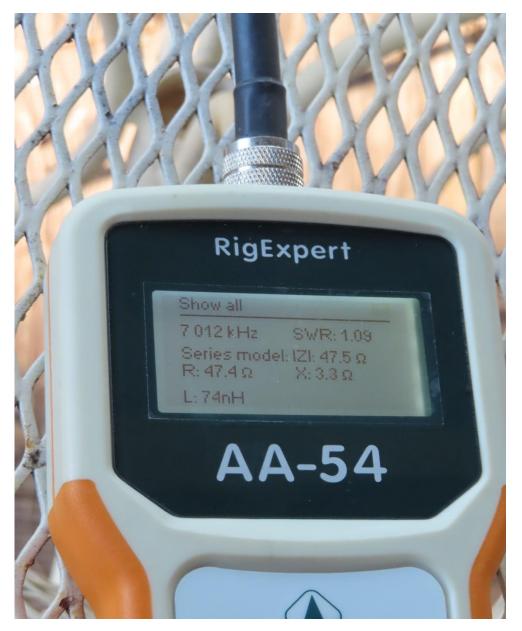
Ken's BKW 20m SWR



That RF Grease Really Works



Ron's BKW 40m SWR 1



Ron's BKW 40m SWR 2



Joel's NVIS SS 80m SWR



Typical Clarke Cty BDCST Loop Ant



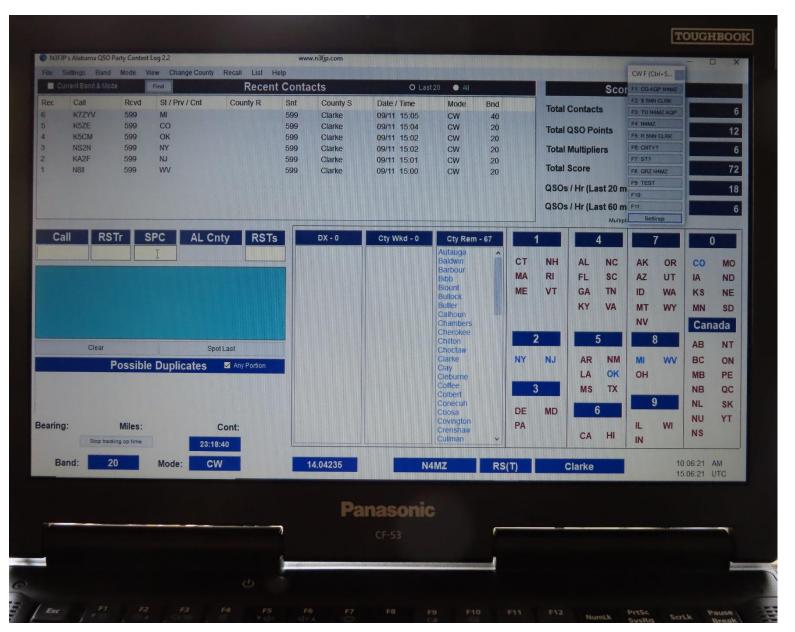
Daytime Ops N4RT with RF Grease



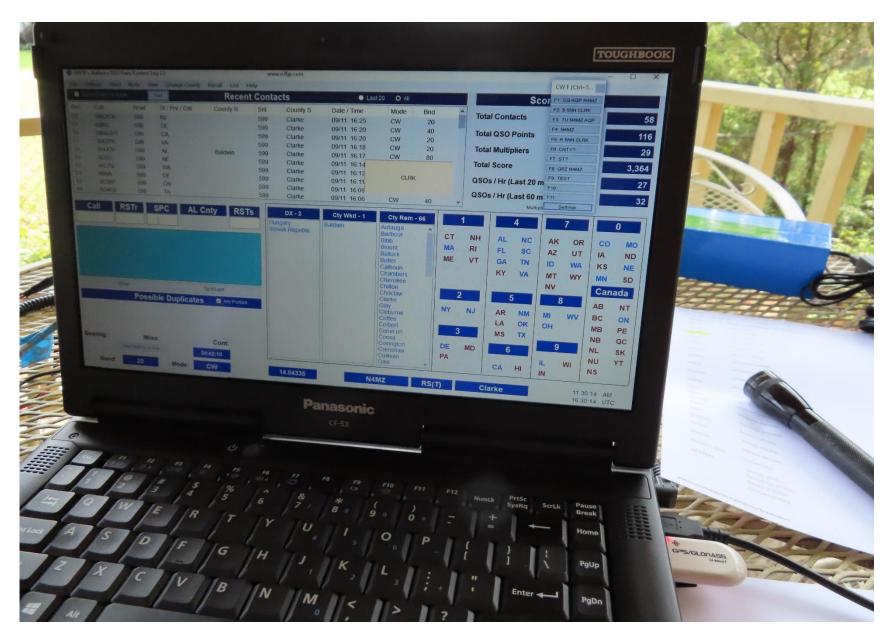
Daytime Ops K4EES



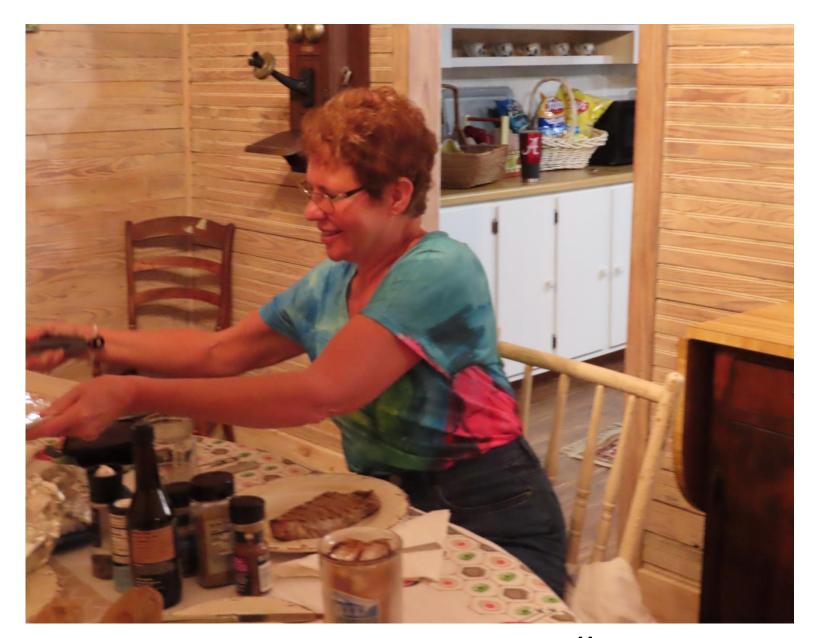
Daytime Ops W2BJN



**AQP Start** 



**AQP Lunch Time Score** 



Our Hostess Karen Hollis



Lunch Fixin's



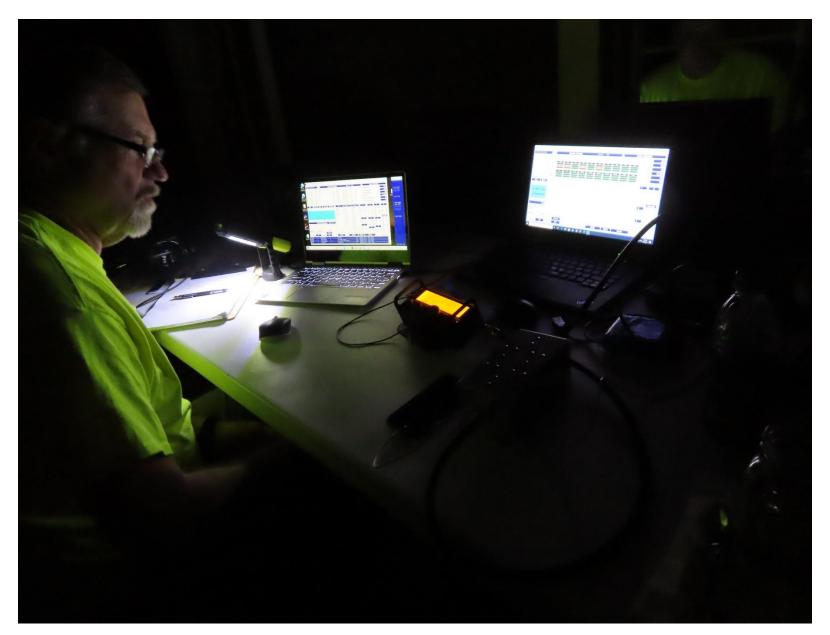
Friday Night Steak Dinner 1



Friday Night Steak Dinner 2



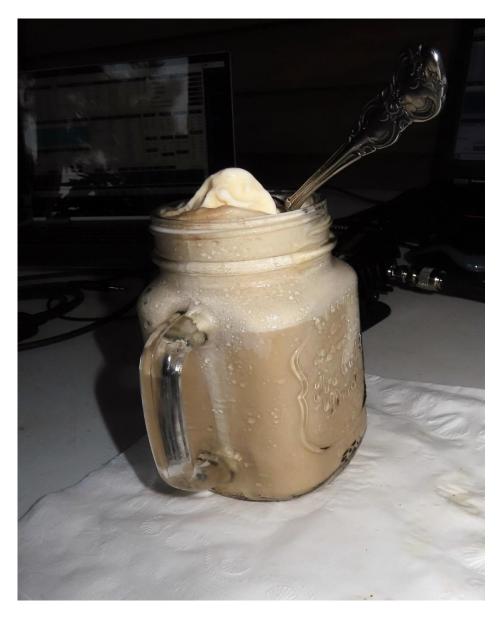
AQP Night Ops N4RT



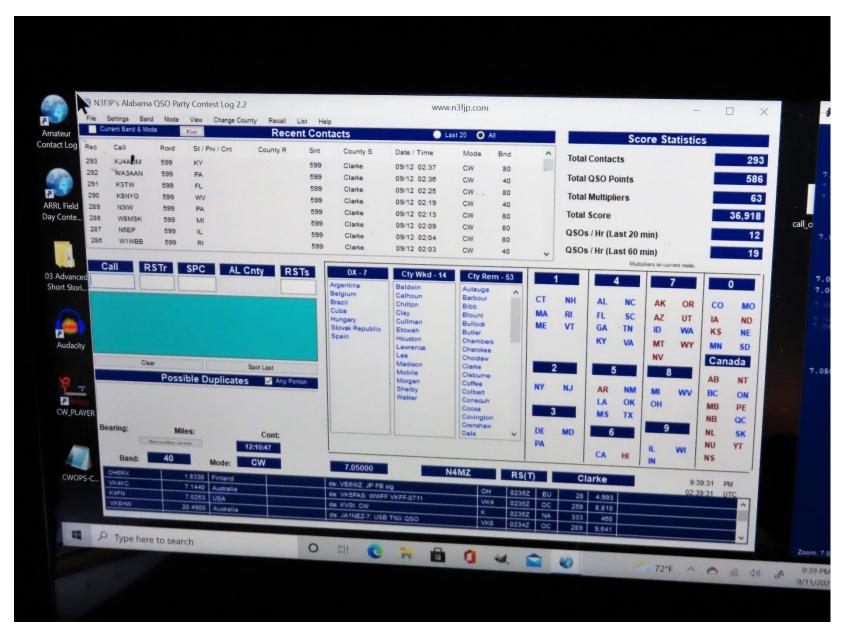
AQP Night Ops K4EES



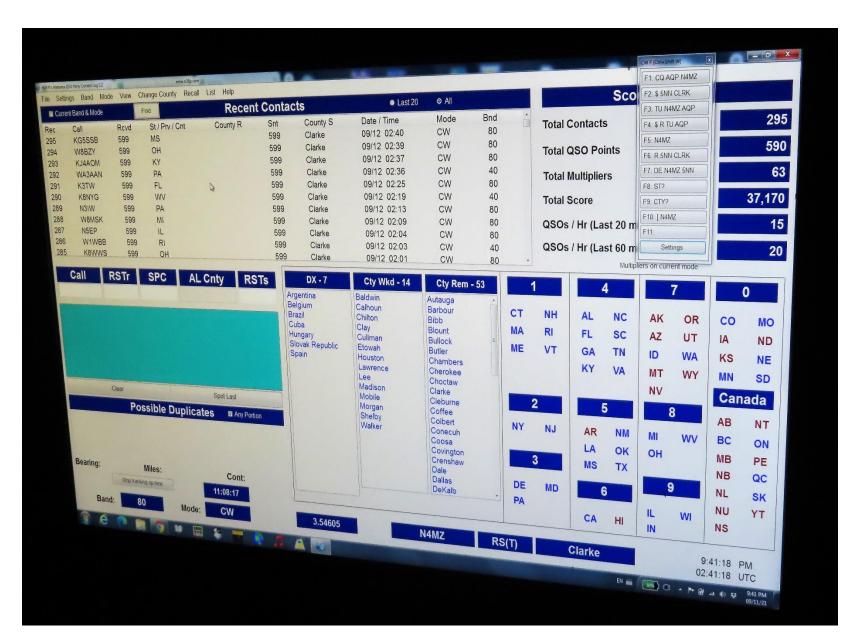
AQP Night Ops W2BJN



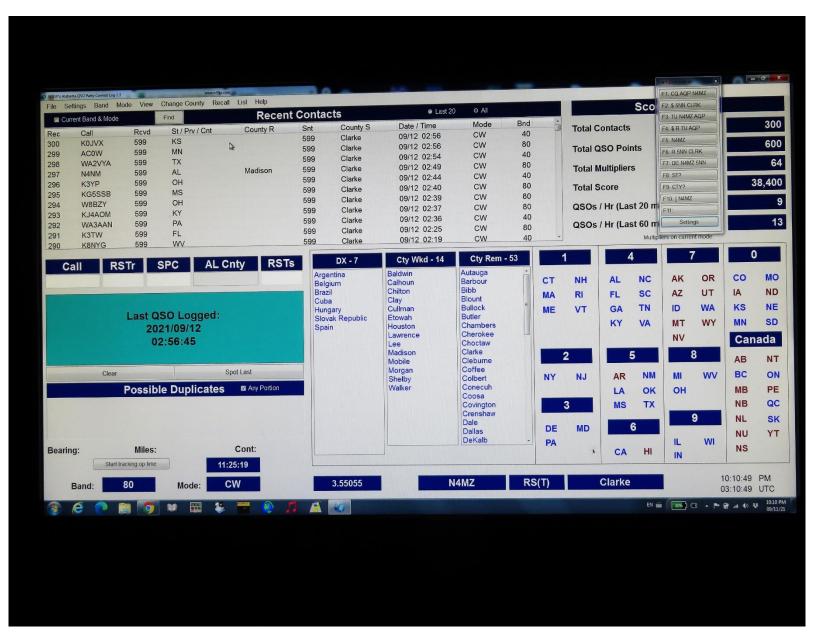
Root Beer Floats @ 20K PTS



300 Qs or Bust! 1



300 Qs or Bust! 2



300 Qs or Bust! 3



Visitors - Van & Carolyn



Visitors - Spider & CobWeb Antenna



Visitors - Fully Automatic Bug



Recommended - Filter 1



Recommended - Filter 2



Recommended - DG Citronella Tea Lights



**Murphy Strikes** 



Another AQP in the books 73 de MZCG

## **Credits**

- Dr & Kay Crosby (Summer's Place Owners)
- Bill Dionne, N4DM (NVIS Antenna Design Engineering & Analysis)
- Karen Hollis (Event Hostess & Photography)
- Dave Hottell, AB9CA/0 (QSO w/SD Multiplier)
- Ray Sturch, W4JOV (Site Hardware & QSOs w/Baldwin County AL Multiplier)

## **Questions / Comments?**

